

The differential expressed lncRNAs

lncRNA	logFC	logCPM	P-Value	FDR adjusted P-Value
LINC02202	-3.020605527	7.276129689	1.73E-264	5.46E-261
HSD11B1-AS1	-4.210328511	7.117882938	1.10E-210	1.74E-207
TRHDE-AS1	-5.303622739	9.066609774	1.32E-204	1.39E-201
LINC01537	-3.328217228	6.441587168	1.46E-198	1.15E-195
LINC01697	-4.25589499	6.964845612	5.71E-194	3.61E-191
LINC02884	-3.523623948	5.08684508	3.50E-183	1.84E-180
LGR4-AS1	-2.883852104	4.821628681	5.12E-181	2.31E-178
LINC02587	-3.872149885	6.259567873	1.31E-180	5.18E-178
LINC02237	-4.950865715	4.733621204	3.96E-179	1.39E-176
CARMN	-3.27024117	9.579025474	7.58E-178	2.39E-175
ALDH1L1-AS2	-4.821898848	5.869326671	1.29E-176	3.69E-174
ADAMTS9-AS2	-2.987672607	7.259192497	4.73E-176	1.24E-173
LINC00968	-3.646568591	7.191919052	8.94E-159	2.17E-156
MIR133A1HG	-4.723158135	5.941417024	3.97E-158	8.96E-156
LINC01070	-4.557604715	4.058223221	4.92E-149	1.04E-146
LINC01230	-4.453362408	6.946487567	2.01E-148	3.96E-146
LINC02511	-4.0402198	5.09336591	8.68E-148	1.61E-145
MAGI2-AS3	-1.968195825	10.98563619	1.50E-147	2.63E-145
LINC00377	-3.697233815	3.468561872	6.14E-146	1.02E-143
ADIPOQ-AS1	-4.939962309	4.743347423	7.28E-146	1.15E-143
MESTIT1	-2.529823846	6.308238168	7.79E-146	1.17E-143
PGM5P3-AS1	-3.456161834	4.094331119	1.07E-141	1.53E-139
LINC01614	5.834025892	9.639084465	4.74E-136	6.51E-134
LINC02185	-2.617611884	5.084099714	6.32E-135	8.32E-133
LINC01485	-3.642906157	6.682800257	5.17E-132	6.53E-130
ST3GAL3-AS1	-3.993600824	3.887222139	6.06E-131	7.36E-129
MIR1-1HG	-9.868520723	6.367280055	6.36E-130	7.44E-128
LRIG2-DT	-1.827550955	5.963538774	2.26E-126	2.55E-124
LUARIS	-2.915806232	5.289896965	5.36E-126	5.84E-124
PGM5P4-AS1	-3.241390919	3.720483709	1.67E-124	1.76E-122
LINC02082	-3.579102182	3.306959337	4.87E-123	4.96E-121
KCNIP2-AS1	-2.02361954	5.06402266	1.61E-117	1.59E-115
MRGPRF-AS1	-2.836320405	3.796736786	3.44E-117	3.29E-115
PDE9A-AS1	-2.796845405	5.221708024	9.53E-117	8.85E-115
FGGY-DT	-4.165792306	3.955835363	2.43E-116	2.19E-114
OXCT1-AS1	-2.058779777	5.833515716	5.02E-115	4.40E-113
ARHGEF7-AS2	-2.784240072	3.483866867	9.28E-112	7.92E-110
RBMS3-AS3	-2.528926409	4.691200059	9.78E-111	8.13E-109
LINC02660	-3.441155364	4.28773226	1.16E-109	9.38E-108
RHOXF1-AS1	-3.104207951	8.188409444	5.74E-109	4.53E-107
DAAM2-AS1	-2.171449657	7.310738401	1.63E-107	1.25E-105
LINC01140	-2.116810727	8.533260088	3.28E-105	2.47E-103
HID1-AS1	-1.975445615	5.382070566	4.18E-105	3.07E-103
LM07DN	-2.819980057	3.620118991	3.71E-103	2.66E-101
RBPMS-AS1	-1.886352116	7.020884868	1.03E-102	7.20E-101
ADAMTS9-AS1	-2.664589724	7.462386917	3.86E-102	2.65E-100
PARAL1	-4.004515477	5.592187745	4.42E-102	2.97E-100
ACTA2-AS1	-2.307286071	9.257269976	6.12E-102	4.02E-100
LINC00922	4.78211877	7.279955446	5.16E-101	3.32E-99

MIR497HG	-1. 690567379	7. 902505122	1. 58E-100	9. 95E-99
LEF1-AS1	2. 56300294	5. 919308071	3. 22E-99	1. 99E-97
MEF2C-AS1	-2. 063455255	5. 82667019	2. 85E-98	1. 73E-96
LINC01705	5. 729688859	6. 54062431	1. 82E-96	1. 08E-94
GAS1RR	-1. 948427657	7. 454113162	3. 01E-95	1. 76E-93
C6orf99	2. 937054118	7. 529894297	5. 04E-95	2. 90E-93
LINC02544	3. 922124051	8. 62366801	4. 10E-93	2. 31E-91
CAVIN2-AS1	-3. 331179779	4. 058341601	8. 10E-93	4. 49E-91
TMEM220-AS1	-1. 749450916	6. 628280299	1. 44E-90	7. 86E-89
MIR22HG	-1. 375404687	11. 07048109	2. 33E-90	1. 24E-88
SACS-AS1	-2. 944357134	3. 817858317	2. 79E-90	1. 47E-88
LINC01942	-3. 242175098	2. 91115156	6. 84E-90	3. 54E-88
LINC02104	-2. 331245937	4. 816748341	1. 22E-89	6. 19E-88
LINC00924	-2. 135553704	6. 514083544	1. 79E-88	8. 99E-87
LINC01586	-3. 146452223	3. 294983075	1. 83E-88	9. 03E-87
LINC01561	4. 929540096	6. 020413655	9. 91E-88	4. 81E-86
C10orf71-AS1	-7. 003768436	3. 53136806	4. 60E-87	2. 20E-85
LCT-AS1	4. 189665603	5. 135662803	5. 81E-87	2. 74E-85
EMX2OS	-2. 143420053	8. 801762597	2. 46E-85	1. 14E-83
LINC00989	-1. 976195025	5. 202442242	3. 60E-85	1. 65E-83
FGF13-AS1	-2. 676508926	5. 210618587	4. 22E-84	1. 90E-82
LM07DN-IT1	-2. 643175467	3. 034580454	1. 25E-82	5. 55E-81
PRDM16-DT	-2. 154990347	6. 172560424	5. 76E-81	2. 52E-79
LINC01197	-1. 755234449	7. 290641204	1. 04E-80	4. 50E-79
LINC01474	-2. 709209618	3. 433712785	3. 68E-80	1. 57E-78
ZEB2-AS1	-1. 690630264	5. 017822129	6. 61E-80	2. 78E-78
HORMAD2-AS1	-2. 479230018	4. 227465981	3. 47E-79	1. 44E-77
PGM5-AS1	-3. 233798628	4. 942059715	6. 62E-79	2. 71E-77
LINC01091	-1. 864716607	6. 135293909	4. 88E-77	1. 97E-75
B4GALT1-AS1	-1. 436707052	7. 340976998	5. 77E-77	2. 31E-75
TMPO-AS1	2. 078418733	8. 856527855	7. 30E-77	2. 88E-75
PCAT19	-1. 473505561	9. 644505825	3. 89E-76	1. 52E-74
FGF14-AS2	-1. 822846788	7. 941720131	2. 45E-75	9. 45E-74
LINC01985	-2. 854004254	3. 92157406	7. 87E-75	2. 99E-73
LINC02289	-1. 897948312	5. 942090756	1. 35E-74	5. 08E-73
RHPN1-AS1	2. 134372355	9. 600069104	1. 06E-73	3. 93E-72
LINC02408	3. 342254218	5. 063117944	4. 24E-73	1. 56E-71
KCNJ2-AS1	-1. 839061688	6. 545350034	1. 26E-72	4. 55E-71
TPT1-AS1	-1. 277965383	10. 64568529	1. 74E-72	6. 26E-71
MIR99AHG	-1. 725464485	9. 189440472	3. 32E-72	1. 18E-70
LINC01589	-2. 179650477	4. 753795487	8. 67E-72	3. 04E-70
MME-AS1	-3. 096494322	3. 066394722	6. 11E-71	2. 12E-69
MAFG-DT	2. 04639801	10. 27529867	2. 47E-70	8. 49E-69
LINC02227	-2. 589511166	3. 615131509	5. 48E-70	1. 86E-68
LINC00671	-2. 345231747	4. 056225088	6. 05E-68	2. 03E-66
LINC01366	-1. 84981175	4. 109658322	6. 51E-68	2. 16E-66
CHL1-AS2	-2. 703989887	4. 413238977	8. 81E-68	2. 90E-66
GNG12-AS1	-1. 561774682	6. 834269589	1. 31E-67	4. 25E-66
LINC00640	-2. 154476491	5. 211889857	1. 79E-67	5. 76E-66
RNU6ATAC35P	-2. 30556448	4. 029927861	5. 01E-67	1. 60E-65
HAND2-AS1	-1. 679064643	7. 412281186	6. 04E-66	1. 91E-64

TDRKH-AS1	1. 616043908	7. 220470627	6. 44E-66	2. 01E-64
LINC01625	-2. 740958374	4. 602187739	2. 49E-65	7. 70E-64
MAFTRR	-1. 806033545	5. 617086266	4. 86E-65	1. 49E-63
LINC00445	-3. 039447567	3. 865453263	6. 04E-65	1. 83E-63
LINC00337	3. 069099717	5. 969098554	9. 43E-65	2. 83E-63
NGF-AS1	-3. 586956538	5. 071115102	2. 11E-64	6. 27E-63
LINC00641	-1. 242762096	10. 27456237	5. 32E-64	1. 57E-62
BSG-AS1	2. 835807342	8. 297086681	5. 60E-64	1. 64E-62
LGALS8-AS1	2. 66537281	6. 5160119	7. 36E-64	2. 13E-62
C9orf163	1. 874291598	6. 719390747	2. 97E-63	8. 52E-62
ELF3-AS1	1. 65128503	7. 872628324	5. 69E-63	1. 62E-61
MBNL1-AS1	-1. 551762878	9. 248096193	8. 49E-63	2. 39E-61
LINC02580	-1. 96234861	5. 258895222	9. 51E-63	2. 66E-61
CADM3-AS1	-2. 445365844	7. 281725477	8. 43E-62	2. 33E-60
LINC02066	-3. 163757713	2. 896937471	8. 55E-62	2. 35E-60
PDZRN3-AS1	-2. 803192114	3. 112618037	1. 56E-61	4. 26E-60
LINC02391	-1. 624740251	5. 161027877	1. 88E-61	5. 07E-60
LINC00466	4. 290975809	5. 162577638	5. 86E-61	1. 57E-59
MIR100HG	-1. 387735027	11. 03917987	9. 89E-60	2. 62E-58
POLH-AS1	1. 701907855	6. 783256205	1. 22E-59	3. 22E-58
PTENP1-AS	-2. 536369814	3. 449010176	6. 67E-59	1. 74E-57
ZBED3-AS1	-1. 160716927	7. 650933878	9. 09E-59	2. 35E-57
A2M-AS1	-1. 138531764	7. 736365933	1. 30E-58	3. 34E-57
CDKN2B-AS1	2. 295466941	7. 079481244	2. 82E-58	7. 17E-57
ATP2A1-AS1	2. 418094486	6. 905652104	3. 51E-58	8. 87E-57
SCTR-AS1	-2. 681926176	4. 239575895	4. 58E-58	1. 15E-56
WDR86-AS1	-1. 992695199	7. 323226326	9. 29E-58	2. 31E-56
LINC01943	2. 105170577	6. 595356989	9. 47E-58	2. 34E-56
LINC02881	-1. 968034656	4. 128819376	2. 73E-57	6. 69E-56
LINC00645	-3. 975645152	3. 912631085	4. 29E-57	1. 04E-55
WDFY3-AS2	-1. 195627056	8. 76407799	5. 06E-57	1. 22E-55
LINC01886	-3. 364380419	2. 940614969	5. 36E-57	1. 28E-55
LINC02766	-2. 14798855	3. 428040928	5. 57E-57	1. 32E-55
TYMSOS	2. 449421927	7. 51691209	5. 63E-57	1. 33E-55
MIR23AHG	-1. 460117574	10. 96620665	6. 70E-57	1. 57E-55
SNHG26	-1. 885228285	7. 526171617	8. 79E-57	2. 04E-55
CD2BP2-DT	1. 959227314	9. 517525361	1. 23E-56	2. 83E-55
DDX11-AS1	1. 754099455	7. 233690091	2. 17E-56	4. 97E-55
LRRRC8C-DT	-1. 391667082	6. 591527709	4. 10E-56	9. 30E-55
FOXD3-AS1	4. 692781669	8. 499766282	5. 56E-56	1. 25E-54
LINC01186	-2. 835665823	4. 289560399	1. 05E-55	2. 34E-54
LINC01594	-3. 166643082	3. 284407572	1. 18E-55	2. 62E-54
LINC01352	-1. 594167963	5. 600387016	1. 91E-55	4. 22E-54
RAPGEF4-AS1	-2. 35347306	3. 398791694	2. 02E-55	4. 42E-54
AGAP1-IT1	2. 760208581	6. 432365518	2. 88E-55	6. 27E-54
GSEC	1. 604101618	9. 055820032	4. 00E-55	8. 64E-54
JAZF1-AS1	-1. 508146423	4. 179748685	7. 17E-55	1. 54E-53
LINC01058	-1. 607804789	4. 591341891	9. 99E-55	2. 13E-53
STK32A-AS1	-2. 435038992	3. 331504397	1. 21E-54	2. 57E-53
PCAT6	1. 904675319	9. 774792564	2. 03E-54	4. 28E-53
LINC02894	1. 943683871	8. 851691358	2. 93E-54	6. 12E-53

LINC00906	-2.73678765	3.007126867	5.21E-54	1.08E-52
MEG3	-1.568905687	11.61454296	6.38E-54	1.32E-52
LINC01028	-3.56333003	4.467456235	6.50E-54	1.33E-52
LINC01402	-1.834590094	4.037901282	1.44E-53	2.92E-52
IL6-AS1	-2.223633702	5.144755622	4.13E-53	8.35E-52
NDUFB2-AS1	1.093995831	7.23548409	1.26E-52	2.53E-51
LINC02172	-1.977109592	3.576419342	3.01E-52	6.02E-51
LINC00665	1.397998662	12.5454782	3.19E-52	6.34E-51
CAPN10-DT	1.097776575	8.297294093	4.84E-52	9.55E-51
LINC01929	3.75001534	8.201128947	5.69E-52	1.12E-50
ZNF687-AS1	1.338450585	6.349575642	6.50E-52	1.27E-50
SOCAR	2.426615773	4.968514374	1.52E-51	2.94E-50
LAMA4-AS1	-1.526528021	4.698568653	3.86E-51	7.43E-50
LINC01405	-4.746862739	5.435600765	6.16E-51	1.18E-49
CYP2U1-AS1	-2.040631311	3.961838791	8.62E-51	1.64E-49
LAMC1-AS1	-1.60761694	4.989080387	8.89E-51	1.68E-49
VLDLR-AS1	-1.880057479	7.138923446	1.12E-50	2.10E-49
CNTFR-AS1	-2.895234175	3.891245524	3.93E-50	7.34E-49
ST3GAL1-DT	2.077946177	7.376387839	9.02E-50	1.67E-48
DCST1-AS1	1.564481919	8.671084144	1.44E-49	2.65E-48
LINC01569	1.387544387	9.246648168	1.60E-49	2.94E-48
LINC01429	3.570052227	4.418860326	2.88E-49	5.26E-48
LASTR	2.664037179	5.174028202	4.34E-49	7.87E-48
LINC00598	-1.305433482	4.569510302	5.40E-49	9.75E-48
TFAP2A-AS1	1.464350097	7.689162296	6.40E-49	1.15E-47
LINC02817	-1.963113363	3.611683467	1.29E-48	2.31E-47
TONSL-AS1	1.732103012	5.687222516	3.94E-48	7.00E-47
DLEU2	1.381940525	9.240681348	7.09E-48	1.25E-46
MIR4435-2HG	1.263989826	11.64661985	8.45E-48	1.48E-46
PRICKLE2-DT	3.771711434	3.561752343	1.59E-47	2.77E-46
KLHDC7B-DT	3.277138718	8.193424207	1.64E-47	2.84E-46
LNCOG	-1.573085973	5.850196326	2.20E-47	3.79E-46
KLF3-AS1	-1.234601256	7.934435663	5.98E-47	1.03E-45
C5orf66-AS1	6.030357651	6.807843005	1.74E-46	2.96E-45
PVT1	1.741799334	11.47984134	3.33E-46	5.61E-45
SOCS3-DT	2.294816176	6.961032826	4.88E-46	8.20E-45
TTL10-AS1	-1.779224996	4.23517363	6.53E-46	1.09E-44
C5orf66	1.329132378	7.701339981	6.84E-46	1.14E-44
LINC00511	3.082407899	9.728535524	1.14E-45	1.89E-44
LINC00467	1.145098895	10.90391721	1.93E-45	3.17E-44
SYNE1-AS1	-2.040487606	2.982769011	3.43E-45	5.62E-44
SMCR2	2.906958355	5.010395885	6.79E-45	1.10E-43
LINC01340	-2.18564676	3.14763836	7.51E-45	1.22E-43
NRAV	1.079491096	11.39007409	1.70E-44	2.74E-43
SENCR	-1.231066395	6.598069742	2.63E-44	4.21E-43
LINC02086	3.819418977	5.916845788	3.57E-44	5.69E-43
KCNIP1-OT1	-2.22410892	3.385974446	3.98E-44	6.32E-43
FAM87B	-1.111521511	5.119974998	4.58E-44	7.23E-43
LINC01094	1.442843503	9.20251935	4.73E-44	7.44E-43
SRRM2-AS1	1.409610847	8.498104491	5.52E-44	8.63E-43
LINC02458	-1.850778252	4.283686086	9.20E-44	1.43E-42

BOK-AS1	-2.463767157	4.59493641	1.74E-43	2.69E-42
LINC01412	-2.011093919	2.995772886	1.78E-43	2.75E-42
MIR3150BHG	2.802784177	6.298433811	2.90E-43	4.44E-42
LINC01775	2.432297242	4.360633246	3.46E-43	5.28E-42
LINC01344	3.803028994	6.273773888	4.72E-43	7.16E-42
TBX18-AS1	-1.792810133	3.757737113	4.77E-43	7.20E-42
RNF139-AS1	1.486924448	9.063708068	1.16E-42	1.75E-41
LIPE-AS1	-1.145056296	8.350696171	3.52E-42	5.26E-41
COL4A2-AS1	-1.613326162	3.868614077	8.77E-42	1.31E-40
RXYLT1-AS1	-1.517145407	3.675683003	2.94E-41	4.35E-40
DHCR24-DT	1.623680819	5.628003414	3.52E-41	5.20E-40
LINC01854	-4.875112531	3.943433804	3.67E-41	5.39E-40
SAMD12-AS1	1.889409822	6.132712493	3.80E-41	5.55E-40
HOXC-AS3	3.732002427	7.569974529	4.72E-41	6.87E-40
LINC00636	-2.21208914	3.463020123	4.84E-41	7.02E-40
PAPOLA-DT	1.349642616	6.8774731	5.22E-41	7.53E-40
LINC01612	-3.069833518	3.950677168	5.81E-41	8.33E-40
SLC12A5-AS1	3.058545625	5.631581959	6.37E-41	9.10E-40
FBXL19-AS1	1.535671858	9.616439941	1.11E-40	1.58E-39
PPP1R26-AS1	1.261169221	9.133026407	1.34E-40	1.89E-39
CYTOR	1.312635513	11.12349792	1.56E-40	2.19E-39
ABCA9-AS1	-2.102515731	3.33554735	1.58E-40	2.21E-39
HOXA-AS2	-1.30156772	8.303719009	2.37E-40	3.31E-39
SNHG25	2.117821429	6.474677152	2.60E-40	3.62E-39
MAP3K4-AS1	1.602901935	9.743906888	2.71E-40	3.75E-39
CERS3-AS1	-2.356654914	3.941272384	3.23E-40	4.45E-39
ADCY6-DT	1.890767751	5.493552089	3.57E-40	4.90E-39
LINC00506	-1.249486918	5.779539464	1.02E-39	1.38E-38
SCAT2	1.446049362	5.973237633	1.48E-39	2.01E-38
LINC01415	-1.359149914	5.828827604	1.55E-39	2.08E-38
PPP1R14B-AS1	1.994285257	7.462475921	2.26E-39	3.02E-38
HOTAIRM1	-1.307242922	8.639173105	3.43E-39	4.55E-38
NKILA	1.532794357	9.345011262	4.05E-39	5.35E-38
LYPLAL1-AS1	-1.79079041	6.048163284	4.37E-39	5.75E-38
SDK1-AS1	-1.91675486	3.760390304	5.31E-39	6.96E-38
MIR1-1HG-AS1	-2.343637202	3.727917761	6.77E-39	8.83E-38
LINC02321	2.529709181	5.352476674	1.28E-38	1.67E-37
LINC00484	-1.865245153	4.487001225	1.33E-38	1.72E-37
LINC02607	-2.472012553	8.13136266	1.55E-38	2.00E-37
MIR210HG	1.806234746	8.947885463	1.87E-38	2.40E-37
LINC01615	2.104796073	6.789537757	3.96E-38	5.06E-37
WT1-AS	4.855457319	7.079824157	4.29E-38	5.46E-37
RUNDC3A-AS1	2.542323552	7.673135999	5.03E-38	6.38E-37
UNQ6494	2.027561822	5.482219972	5.46E-38	6.90E-37
COPDA1	4.221472582	6.768860695	8.81E-38	1.11E-36
LINC01711	1.77302165	6.935858591	8.99E-38	1.13E-36
LMF1-AS1	-1.392432768	4.837820359	1.80E-37	2.23E-36
CLCA4-AS1	-1.939946089	3.133307146	1.86E-37	2.31E-36
LINC00702	-1.373491021	8.740947412	2.19E-37	2.70E-36
HAGLROS	2.548820969	7.145264041	2.51E-37	3.08E-36
SUV39H2-DT	1.287409328	7.098795559	3.16E-37	3.86E-36

LINC01354	-1.74973721	6.976469603	3.35E-37	4.08E-36
LINC02599	-1.463885329	4.378063885	5.44E-37	6.59E-36
LINC02256	-1.08811205	5.63432679	5.84E-37	7.04E-36
ZNF252P-AS1	1.35630065	6.107820886	6.92E-37	8.31E-36
LINC01522	5.500595978	6.978202206	7.10E-37	8.50E-36
LINC01908	-2.173578027	3.351404213	7.57E-37	9.01E-36
LINC01894	-1.837440478	4.44711285	9.72E-37	1.15E-35
PPP2CA-DT	1.363244765	7.301536657	9.96E-37	1.17E-35
LINC01359	-1.352794711	6.341508371	1.07E-36	1.25E-35
POU2F1-DT	1.702363456	5.108858494	1.64E-36	1.91E-35
LINC00460	2.928923102	5.831795826	2.26E-36	2.62E-35
TMEM14B-DT	1.077093782	6.3908228	2.77E-36	3.20E-35
C1orf220	1.440648634	7.353950074	4.47E-36	5.15E-35
CHL1-AS1	-2.267607937	3.160555647	7.66E-36	8.76E-35
LINC01588	1.803019915	9.197439363	1.01E-35	1.16E-34
SLC14A2-AS1	-1.96307906	4.425153702	1.67E-35	1.88E-34
HOXA-AS3	-1.670628564	6.192216079	1.72E-35	1.93E-34
CCND2-AS1	-1.565795126	3.331854223	1.96E-35	2.20E-34
IER3-AS1	1.614427109	5.6932584	2.30E-35	2.57E-34
LINC01136	2.050830257	5.68740975	2.46E-35	2.75E-34
TENM3-AS1	-1.821417252	7.032221968	3.00E-35	3.33E-34
LINC01088	-1.797526922	6.882634918	5.04E-35	5.58E-34
LINC01117	2.228891746	7.223348022	5.33E-35	5.88E-34
GASAL1	1.294839403	7.622656667	6.70E-35	7.37E-34
CCDC183-AS1	1.335776126	8.994306071	9.33E-35	1.02E-33
LINC02541	-1.541843764	5.370586529	1.40E-34	1.53E-33
PYCARD-AS1	1.943594432	4.616010028	1.41E-34	1.53E-33
LINC01281	3.581624788	5.012831678	1.56E-34	1.69E-33
CSGALNACT2-DT	1.028962205	6.24824483	1.78E-34	1.92E-33
ZKSCAN2-DT	1.007058472	8.61701056	2.24E-34	2.41E-33
CHKB-DT	1.284149049	6.912426957	2.34E-34	2.51E-33
MRPL20-DT	1.220295939	8.658103567	2.71E-34	2.90E-33
C15orf54	3.206770246	4.973407981	2.86E-34	3.05E-33
LINC01484	-1.935426526	5.463930385	3.90E-34	4.14E-33
ARHGAP29-AS1	3.430810236	6.67940317	4.77E-34	5.05E-33
FAM83C-AS1	2.472392717	3.598620978	6.96E-34	7.35E-33
LINC00536	2.891336495	7.079045782	1.32E-33	1.39E-32
GHET1	1.274905591	6.794321778	1.44E-33	1.52E-32
SMAD9-IT1	-1.517957303	3.334516211	1.67E-33	1.75E-32
MIR200CHG	1.539333025	9.077164221	1.79E-33	1.87E-32
TLX1NB	5.638105346	4.788130507	1.84E-33	1.91E-32
LINC02716	-1.701357753	5.132345622	1.85E-33	1.92E-32
STAM-AS1	1.301631057	5.81164031	2.21E-33	2.28E-32
EIPR1-IT1	2.155076642	5.110454844	2.50E-33	2.55E-32
LINC01267	-1.723452926	3.663316228	3.48E-33	3.54E-32
LINC01978	2.353940661	5.203554345	3.97E-33	4.03E-32
MIAT	1.823952596	10.07435242	4.13E-33	4.18E-32
KCNH1-IT1	4.149193537	5.399489652	4.99E-33	5.04E-32
LINC00115	1.046457534	6.571969471	1.21E-32	1.22E-31
LINC02685	3.06346206	3.563850332	1.77E-32	1.77E-31
EMSLR	1.883717921	8.375048821	2.01E-32	2.01E-31

LINC00940	2. 682327587	7. 633755845	2. 48E-32	2. 47E-31
DGUOK-AS1	1. 160976373	7. 837489469	2. 90E-32	2. 88E-31
FLJ12825	2. 30744912	7. 753508117	3. 81E-32	3. 77E-31
LINC01224	3. 984453188	7. 653133375	3. 89E-32	3. 83E-31
LINC01532	-2. 342711472	3. 14419869	3. 90E-32	3. 84E-31
LINC02489	3. 764320572	5. 515077505	4. 39E-32	4. 31E-31
CIRBP-AS1	1. 049235279	7. 375163502	5. 00E-32	4. 89E-31
LINC01977	2. 162923207	8. 997220636	5. 19E-32	5. 05E-31
GEMIN7-AS1	1. 05309337	6. 905433595	5. 51E-32	5. 36E-31
LINC00243	2. 167832285	6. 813350972	5. 83E-32	5. 63E-31
LINC01842	3. 38676815	5. 939403952	6. 40E-32	6. 15E-31
ARHGEF2-AS2	1. 268572674	6. 927489908	6. 41E-32	6. 15E-31
LINC02352	-1. 229276439	6. 080330673	6. 55E-32	6. 27E-31
LBX2-AS1	1. 19467032	10. 36475093	7. 44E-32	7. 09E-31
SFTA1P	-1. 487018021	5. 87550098	8. 69E-32	8. 27E-31
LINC02139	-1. 309243637	3. 984189461	9. 48E-32	8. 99E-31
HLX-AS1	-1. 435508773	3. 99298142	9. 90E-32	9. 36E-31
LYPLAL1-DT	-1. 203331847	4. 901038856	1. 10E-31	1. 03E-30
LINC02388	-1. 929070546	3. 282653145	1. 66E-31	1. 56E-30
CRIM1-DT	-1. 125762274	7. 800036694	1. 69E-31	1. 58E-30
MAFA-AS1	3. 77747678	4. 448479645	2. 31E-31	2. 16E-30
CH17-340M24. 3	1. 077483736	9. 722007808	2. 33E-31	2. 17E-30
LINC02878	1. 299120586	6. 857062566	2. 89E-31	2. 68E-30
CERS6-AS1	1. 864654896	4. 446399119	3. 58E-31	3. 32E-30
SNHG3	1. 211564325	11. 67373282	6. 21E-31	5. 73E-30
PLA2G4C-AS1	2. 170697221	4. 897905129	6. 83E-31	6. 29E-30
GATA3-AS1	2. 816319974	10. 50339763	1. 01E-30	9. 27E-30
DLG3-AS1	2. 023457043	5. 168393904	1. 08E-30	9. 84E-30
RCCD1-AS1	1. 125690719	5. 166182385	1. 17E-30	1. 07E-29
LINC02891	-1. 369992698	3. 530324729	1. 30E-30	1. 18E-29
FZD4-DT	-1. 074057451	6. 597226883	1. 48E-30	1. 35E-29
LINC01152	-2. 131804583	8. 69396535	1. 80E-30	1. 63E-29
LINC01238	3. 527293562	11. 39845276	1. 84E-30	1. 66E-29
APCDD1L-DT	-1. 961707288	8. 502169434	1. 88E-30	1. 69E-29
HOTAIR	3. 075667597	10. 0733425	1. 92E-30	1. 72E-29
FLG-AS1	-1. 238948815	6. 532488372	2. 39E-30	2. 13E-29
LINC02613	-1. 887889331	9. 025439043	2. 44E-30	2. 17E-29
HPN-AS1	1. 699783015	5. 330765605	2. 66E-30	2. 36E-29
SLC9A3R1-AS1	2. 033517863	9. 202028999	3. 47E-30	3. 07E-29
CLRN1-AS1	3. 062802064	4. 957674913	4. 18E-30	3. 67E-29
LINC01703	1. 393765905	7. 342856294	4. 34E-30	3. 79E-29
MEG8	-1. 424235652	4. 014895686	6. 46E-30	5. 64E-29
LINC02804	1. 91472169	4. 946759067	7. 36E-30	6. 41E-29
LINC02528	3. 233504388	4. 377571725	8. 01E-30	6. 93E-29
TP53RK-DT	1. 403985478	5. 742414474	8. 38E-30	7. 23E-29
LINC01747	1. 865011372	3. 704045563	8. 54E-30	7. 35E-29
NARF-AS1	1. 684997906	4. 133684876	9. 24E-30	7. 93E-29
LINC01624	-1. 249441809	4. 14928972	9. 53E-30	8. 15E-29
THOC1-DT	1. 197660129	5. 346060724	9. 77E-30	8. 33E-29
BVES-AS1	-1. 666629638	4. 656885951	1. 01E-29	8. 61E-29
TP73-AS3	3. 148633325	3. 648812276	1. 02E-29	8. 68E-29

GORAB-AS1	1. 606440882	6. 908492068	1. 54E-29	1. 30E-28
OTULIN-DT	1. 167592679	6. 066641789	1. 66E-29	1. 40E-28
LINC02166	1. 090000216	5. 903581286	1. 88E-29	1. 58E-28
TEX26-AS1	-1. 737033184	4. 664439795	2. 10E-29	1. 75E-28
LINC01063	1. 644759011	5. 040055758	2. 17E-29	1. 80E-28
MNX1-AS1	3. 189741332	7. 72982881	2. 27E-29	1. 88E-28
LINC01497	-2. 783285058	4. 429276849	2. 65E-29	2. 19E-28
BRWD1-AS2	1. 14824554	6. 810584882	3. 62E-29	2. 99E-28
LINC02762	-1. 148806987	8. 084894841	4. 99E-29	4. 10E-28
LMNTD2-AS1	2. 003926633	9. 344642558	5. 53E-29	4. 54E-28
TPRG1-AS1	-1. 344481657	6. 638860139	8. 11E-29	6. 63E-28
UST-AS2	1. 917472054	3. 802984023	1. 19E-28	9. 68E-28
CBR3-AS1	1. 138568323	9. 765914532	1. 42E-28	1. 15E-27
WASIR2	2. 115952569	7. 1340079	1. 93E-28	1. 56E-27
LINC00853	1. 300501055	7. 060831258	2. 74E-28	2. 19E-27
UNC5B-AS1	1. 954352459	5. 780744369	3. 22E-28	2. 57E-27
LINC00607	1. 873019116	7. 619818097	3. 36E-28	2. 68E-27
MYHAS	-1. 340098408	5. 230850219	3. 52E-28	2. 80E-27
FUT8-AS1	1. 909516686	7. 149315379	5. 40E-28	4. 27E-27
MIR193BHG	-1. 045180123	7. 179250009	5. 92E-28	4. 67E-27
LINC00920	-1. 156623716	7. 668761234	7. 32E-28	5. 77E-27
DEPDC1-AS1	2. 744228332	3. 733720223	7. 77E-28	6. 10E-27
GAPLINC	1. 137789534	6. 803890011	8. 11E-28	6. 36E-27
TSBP1-AS1	-1. 406378273	3. 418117287	8. 32E-28	6. 50E-27
LINC02798	-1. 283609453	6. 158170478	8. 35E-28	6. 51E-27
MGAT3-AS1	-1. 872735417	3. 569728477	8. 99E-28	6. 99E-27
ZNF132-DT	1. 284990605	6. 67694021	1. 08E-27	8. 36E-27
LINC02739	-1. 215413247	3. 61032888	1. 25E-27	9. 67E-27
KLHL30-AS1	-2. 166044673	3. 466909892	1. 68E-27	1. 30E-26
ST8SIA6-AS1	3. 294276678	9. 791047107	1. 92E-27	1. 47E-26
MRPS30-DT	3. 340667075	12. 0032183	2. 12E-27	1. 63E-26
MEG9	-1. 324906257	4. 954819708	2. 56E-27	1. 96E-26
LINC02593	2. 509486146	9. 61586175	2. 95E-27	2. 24E-26
LINC00884	1. 401999906	8. 261987593	3. 43E-27	2. 60E-26
RALGPS2-AS1	1. 600409775	6. 440078117	3. 47E-27	2. 62E-26
HOXB-AS1	-1. 234585518	8. 958405076	3. 88E-27	2. 92E-26
LINC02676	4. 072303049	3. 513188153	3. 90E-27	2. 93E-26
TBILA	1. 762852603	8. 404005597	3. 98E-27	2. 99E-26
LINC02012	1. 507557656	6. 399364397	4. 33E-27	3. 24E-26
SMYD3-AS1	3. 598745676	4. 801258932	4. 99E-27	3. 73E-26
UBE2Q1-AS1	1. 301159346	4. 637994385	5. 21E-27	3. 88E-26
KRTAP5-AS1	1. 933209284	8. 131795198	5. 25E-27	3. 90E-26
LINC01505	3. 013339851	5. 063987188	6. 02E-27	4. 46E-26
LINC02747	3. 895875141	9. 534563232	7. 09E-27	5. 24E-26
LINC02847	-1. 528539122	3. 083903754	7. 29E-27	5. 38E-26
LINC00211	-1. 339462216	3. 576884436	7. 48E-27	5. 51E-26
ATXN7L3-AS1	1. 114986674	5. 244772011	7. 59E-27	5. 57E-26
HDAC11-AS1	1. 822103459	3. 690704654	9. 22E-27	6. 73E-26
LINC02712	-1. 667154987	4. 749518559	1. 17E-26	8. 52E-26
C9orf106	1. 83279973	6. 811366066	1. 19E-26	8. 63E-26
DNAH100S	1. 370882527	9. 431468352	1. 55E-26	1. 12E-25

LINC02771	2. 559213444	4. 316010507	1. 55E-26	1. 12E-25
LINC02195	2. 619819502	4. 078145118	1. 61E-26	1. 15E-25
JARID2-DT	1. 334297436	6. 37894499	2. 25E-26	1. 62E-25
DSCAM-AS1	5. 964686411	11. 09888458	2. 65E-26	1. 90E-25
FRG1-DT	-1. 187308497	6. 278568277	3. 22E-26	2. 29E-25
CASC16	4. 161403794	6. 836024323	4. 58E-26	3. 26E-25
PCAT7	2. 075378188	6. 899473224	5. 88E-26	4. 16E-25
PROX1-AS1	-1. 830028889	4. 512548968	6. 58E-26	4. 65E-25
SH3TC2-DT	-1. 700345613	3. 147444113	7. 39E-26	5. 21E-25
LINC01644	3. 954952229	7. 274046438	7. 42E-26	5. 22E-25
RFX5-AS1	1. 177427679	6. 1688381	7. 49E-26	5. 26E-25
ELFN1-AS1	4. 590711193	7. 053310378	8. 72E-26	6. 09E-25
GRASLND	1. 438433909	7. 861402798	9. 12E-26	6. 35E-25
DIO3OS	-1. 499913424	8. 058497701	9. 60E-26	6. 68E-25
AFAP1-AS1	3. 935848242	9. 711631097	1. 16E-25	8. 03E-25
THBS3-AS1	1. 17262699	8. 138203403	1. 64E-25	1. 13E-24
DNAAF3-AS1	2. 465200646	3. 468124935	1. 70E-25	1. 16E-24
DPY19L3-DT	1. 188152412	6. 659289872	1. 75E-25	1. 20E-24
LINC02870	2. 368259125	5. 586420813	2. 38E-25	1. 62E-24
BMPR1B-DT	4. 54029487	7. 418796795	2. 77E-25	1. 88E-24
FIGNL2-DT	-1. 460599188	3. 512880481	4. 05E-25	2. 75E-24
LINC00670	-1. 869454892	2. 989706871	5. 07E-25	3. 42E-24
SCAT1	1. 810081875	4. 269558642	5. 24E-25	3. 52E-24
DPYD-AS1	-1. 680742241	3. 21031872	5. 51E-25	3. 70E-24
LINC01116	1. 567344671	10. 81460574	5. 79E-25	3. 88E-24
THBS1-IT1	1. 832766771	8. 329000767	5. 92E-25	3. 96E-24
EHD4-AS1	-1. 160224635	4. 413574155	6. 28E-25	4. 19E-24
LINC01096	2. 60788595	5. 164767604	7. 71E-25	5. 13E-24
HS1BP3-IT1	-1. 118375904	4. 107054955	1. 00E-24	6. 68E-24
LINC02623	-1. 839327931	3. 218124049	1. 04E-24	6. 87E-24
PHEX-AS1	-2. 318139502	3. 462986541	1. 20E-24	7. 91E-24
MAL2-AS1	1. 622247599	5. 085383696	1. 77E-24	1. 16E-23
FALEC	1. 282068634	5. 143034453	2. 18E-24	1. 43E-23
LINC01213	2. 155195813	5. 542890417	2. 37E-24	1. 55E-23
SPACA6P-AS	1. 427003697	5. 552907672	2. 58E-24	1. 68E-23
SNHG9	1. 224967553	9. 502067809	3. 69E-24	2. 39E-23
YTHDF3-DT	1. 225051083	7. 511081029	3. 95E-24	2. 55E-23
ST6GAL2-IT1	2. 14593958	3. 594603395	4. 23E-24	2. 72E-23
SEPTIN9-DT	2. 055743135	4. 35100689	4. 62E-24	2. 97E-23
POT1-AS1	1. 118139968	7. 254525059	4. 74E-24	3. 04E-23
LINC01050	2. 633445446	4. 230765091	4. 83E-24	3. 09E-23
DYRK3-AS1	1. 482790642	4. 562057852	5. 68E-24	3. 63E-23
THBS1-AS1	2. 640650737	9. 892111424	5. 92E-24	3. 78E-23
LINC01264	2. 488546959	3. 696378427	6. 82E-24	4. 33E-23
MMP2-AS1	1. 803940669	6. 545602458	7. 41E-24	4. 70E-23
USP30-AS1	1. 596175614	6. 610879989	8. 01E-24	5. 07E-23
MIR924HG	1. 663835755	7. 780473812	8. 58E-24	5. 42E-23
RNF157-AS1	1. 480059658	6. 49018876	9. 49E-24	5. 98E-23
DDX3ILA1	3. 367366821	4. 936688423	1. 34E-23	8. 42E-23
LINC02888	4. 501909638	6. 652596426	1. 42E-23	8. 89E-23
LINC02806	2. 448499118	4. 436774823	1. 59E-23	9. 91E-23

SIAH2-AS1	1. 641290476	6. 281068327	1. 83E-23	1. 13E-22
LINC02280	2. 146340681	5. 222341652	1. 85E-23	1. 15E-22
LINC01649	2. 809693374	4. 36214246	1. 86E-23	1. 15E-22
FOXD2-AS1	1. 104452879	8. 641436938	1. 92E-23	1. 18E-22
LINC01857	1. 834626476	6. 273082577	1. 93E-23	1. 19E-22
LINC02288	-1. 023567361	4. 903905197	2. 45E-23	1. 50E-22
LINC02620	3. 481808525	7. 419624744	2. 58E-23	1. 58E-22
LINC00840	-1. 186779117	5. 886961349	2. 64E-23	1. 62E-22
HEATR6-DT	1. 164673134	5. 514150963	3. 18E-23	1. 93E-22
ABALON	1. 084685475	6. 381813531	3. 38E-23	2. 05E-22
TIMMDC1-DT	1. 632183486	4. 014020063	3. 93E-23	2. 38E-22
DNAH17-AS1	3. 02329014	4. 907200494	5. 42E-23	3. 27E-22
LINC01422	-1. 026484212	5. 779188825	6. 36E-23	3. 82E-22
LINC02236	1. 928125373	3. 779713586	6. 55E-23	3. 93E-22
SIRLNT	7. 176124228	9. 781659153	8. 98E-23	5. 38E-22
LINC02006	-1. 577443021	4. 535924861	9. 82E-23	5. 87E-22
LINC02416	2. 544628605	3. 880759783	1. 07E-22	6. 41E-22
LINC02846	1. 358794188	5. 631785568	1. 68E-22	1. 00E-21
EHMT2-AS1	1. 593465466	4. 11096244	1. 93E-22	1. 14E-21
C1orf21-DT	1. 302849735	6. 051669582	2. 11E-22	1. 25E-21
LY86-AS1	-1. 300699802	4. 485689036	2. 36E-22	1. 40E-21
LINC01426	1. 439219997	7. 91254525	2. 50E-22	1. 47E-21
ZNF350-AS1	2. 408422754	7. 654511378	2. 56E-22	1. 51E-21
LINC00578	2. 555453083	8. 042351544	2. 81E-22	1. 65E-21
BCAR4	4. 844662413	6. 002046745	2. 90E-22	1. 70E-21
MIR155HG	1. 389700308	7. 629918627	3. 65E-22	2. 14E-21
SSTR5-AS1	5. 586351279	5. 706310931	3. 99E-22	2. 33E-21
CYP4A22-AS1	1. 149023925	5. 396695663	4. 18E-22	2. 44E-21
LINC02201	2. 535829822	3. 684137037	4. 49E-22	2. 61E-21
TWSG1-DT	1. 352232089	5. 255141756	5. 67E-22	3. 29E-21
DSCR8	5. 53161826	6. 021543164	6. 52E-22	3. 78E-21
LINC00160	1. 945022371	7. 380366688	8. 58E-22	4. 96E-21
CD2AP-DT	1. 147016378	6. 437544701	8. 94E-22	5. 16E-21
LINC02257	1. 977786484	5. 344127865	1. 24E-21	7. 12E-21
ARHGEF26-AS1	1. 527608089	8. 431724934	1. 24E-21	7. 12E-21
B3GAT1-DT	-2. 049276541	6. 563324944	1. 53E-21	8. 74E-21
SRGAP3-AS2	4. 632537465	5. 37802278	1. 63E-21	9. 30E-21
LINC00870	1. 836552791	4. 557886701	1. 64E-21	9. 37E-21
DSCR9	1. 253983261	4. 806786286	2. 17E-21	1. 24E-20
LINC02889	2. 695576743	5. 838909923	2. 76E-21	1. 57E-20
LINC02224	4. 608123712	9. 019725553	3. 38E-21	1. 90E-20
TCL6	2. 808021216	6. 086725985	3. 50E-21	1. 97E-20
PCOTH	1. 441665518	6. 377475783	3. 57E-21	2. 00E-20
STK4-AS1	1. 133911814	6. 310863081	4. 09E-21	2. 29E-20
LINC00659	3. 702527357	4. 140873418	4. 77E-21	2. 66E-20
LINC00628	1. 861875381	4. 239287847	5. 13E-21	2. 85E-20
FNDC1-IT1	2. 343793112	4. 120663196	5. 18E-21	2. 87E-20
LINC02026	1. 32056479	4. 930257245	5. 26E-21	2. 92E-20
UBE2E2-AS1	-1. 462286639	2. 997904393	7. 05E-21	3. 89E-20
LINC01572	1. 115237712	5. 558546004	7. 13E-21	3. 93E-20
DNAH8-AS1	2. 638874848	3. 062873294	7. 37E-21	4. 05E-20

LINC02867	1. 693625943	4. 600938923	8. 23E-21	4. 51E-20
LINC01605	1. 814069034	7. 567876761	8. 50E-21	4. 65E-20
DHX35-DT	1. 7350044	4. 027924376	8. 69E-21	4. 75E-20
LINC01814	1. 45585473	7. 565565644	8. 76E-21	4. 78E-20
LINC00052	6. 211671922	9. 845109892	9. 55E-21	5. 20E-20
LINC02827	1. 349862473	5. 905435012	1. 07E-20	5. 83E-20
LINC01341	1. 349062626	7. 86188604	1. 24E-20	6. 73E-20
TMEM75	2. 185290458	4. 988078829	1. 28E-20	6. 90E-20
CBARP-DT	1. 564626608	4. 182624057	1. 30E-20	7. 02E-20
LINC02532	2. 86768094	6. 867014875	1. 44E-20	7. 76E-20
CNIH3-AS2	1. 450325633	4. 555256386	1. 70E-20	9. 14E-20
LINC00887	1. 622845667	6. 365036966	2. 30E-20	1. 23E-19
DLX2-DT	3. 03516102	4. 263944202	2. 62E-20	1. 40E-19
LINC00605	1. 985477703	5. 527260561	2. 93E-20	1. 56E-19
RIPOR3-AS1	2. 976783444	4. 672701658	3. 28E-20	1. 75E-19
LINC01060	-1. 159427563	5. 925797626	3. 37E-20	1. 79E-19
LINC00664	1. 468854559	7. 057343518	4. 49E-20	2. 38E-19
MELTF-AS1	1. 071742326	8. 746118202	4. 65E-20	2. 46E-19
LINC01844	-1. 452663088	4. 314848823	5. 53E-20	2. 93E-19
LINC02263	3. 032004423	2. 986539424	5. 86E-20	3. 09E-19
CFAP58-DT	1. 753050624	6. 461248441	6. 16E-20	3. 24E-19
RASGRF2-AS1	-1. 128791317	4. 331223453	6. 44E-20	3. 38E-19
SPON1-AS1	-1. 295209946	3. 139470558	1. 12E-19	5. 81E-19
LINC02461	2. 148848126	4. 56808421	1. 84E-19	9. 50E-19
SYNPR-AS1	2. 267085636	5. 762377307	1. 88E-19	9. 70E-19
LINC01909	1. 126692706	6. 462142648	1. 91E-19	9. 82E-19
LINC01208	3. 655708008	6. 741236581	2. 08E-19	1. 07E-18
MNX1-AS2	2. 58249139	5. 18372087	2. 25E-19	1. 15E-18
LINC02130	2. 245315961	4. 987121649	2. 44E-19	1. 25E-18
LINC02725	2. 599616748	3. 776176867	2. 58E-19	1. 32E-18
LINC02611	1. 451595043	7. 542223626	2. 65E-19	1. 35E-18
PWRN1	-2. 389890081	2. 933038588	2. 76E-19	1. 41E-18
LINC02242	-2. 177272776	3. 053874998	3. 28E-19	1. 67E-18
TTC3-AS1	1. 085126896	4. 640323933	3. 69E-19	1. 87E-18
LINC01146	1. 206028385	5. 275937245	4. 01E-19	2. 02E-18
MYCNOS	2. 374153615	4. 502519259	4. 02E-19	2. 02E-18
ADAMTS19-AS1	2. 52561383	5. 056800843	4. 89E-19	2. 45E-18
LINC00844	-2. 181710815	4. 78768167	4. 98E-19	2. 50E-18
LINC02487	3. 371394499	8. 331613363	5. 03E-19	2. 52E-18
CTD-3080P12. 3	-1. 557317548	3. 283666194	5. 89E-19	2. 94E-18
UCKL1-AS1	1. 161839531	6. 929242491	5. 91E-19	2. 95E-18
LINC00545	-1. 705338611	3. 097164691	6. 30E-19	3. 14E-18
HAR1B	2. 928436384	6. 089746578	7. 37E-19	3. 66E-18
INSYN1-AS1	4. 170070097	5. 296233445	7. 52E-19	3. 73E-18
LINC00891	-1. 04048085	4. 020437831	7. 78E-19	3. 85E-18
LINC00461	3. 637816447	6. 20679917	9. 25E-19	4. 57E-18
LINC00987	-1. 004386518	8. 546714254	1. 14E-18	5. 62E-18
EML4-AS1	1. 633194778	4. 347027274	1. 40E-18	6. 87E-18
ZFH4-AS1	-1. 100135042	6. 371932531	1. 54E-18	7. 57E-18
LINC01727	2. 315954129	3. 565672874	1. 55E-18	7. 58E-18
LINC01385	4. 36762989	4. 133173137	1. 61E-18	7. 88E-18

LINC01132	1. 080020582	8. 211497995	1. 66E-18	8. 11E-18
LINC00898	2. 778946979	4. 950147717	1. 76E-18	8. 59E-18
LINC00603	-1. 805458962	3. 054350536	1. 94E-18	9. 42E-18
KIF26B-AS1	3. 279797999	3. 575342663	2. 25E-18	1. 09E-17
LINC01665	4. 647418043	5. 069397823	2. 29E-18	1. 11E-17
LINC02550	-1. 094803115	4. 615270623	2. 38E-18	1. 15E-17
MIRLET7A1HG	-1. 038660698	5. 092114323	2. 63E-18	1. 27E-17
PRSS30P	1. 38285893	7. 162973819	3. 43E-18	1. 65E-17
LINC01358	-1. 209109117	3. 507140181	3. 47E-18	1. 67E-17
RBAKDN	2. 943843434	3. 864808173	4. 42E-18	2. 12E-17
DDX59-AS1	1. 681490423	5. 82834297	4. 84E-18	2. 31E-17
MTOR-AS1	-1. 560403846	3. 042497388	5. 00E-18	2. 39E-17
LINC01833	3. 300527877	8. 50655167	5. 58E-18	2. 66E-17
WARS2-IT1	-1. 327409592	5. 5277798	6. 26E-18	2. 97E-17
PDE2A-AS2	1. 13672662	5. 240846868	7. 28E-18	3. 45E-17
BCAN-AS1	2. 238329217	9. 211515323	7. 85E-18	3. 72E-17
CLMAT3	-1. 074882687	4. 701528483	7. 92E-18	3. 74E-17
UCA1	2. 605154009	8. 299194658	8. 26E-18	3. 90E-17
OVOL1-AS1	1. 396532562	4. 40978188	8. 30E-18	3. 91E-17
LINC02720	2. 407411432	4. 292567783	9. 03E-18	4. 24E-17
NFE4	4. 746324582	8. 139373756	9. 79E-18	4. 58E-17
LINC00632	-1. 381352891	6. 058264673	1. 06E-17	4. 94E-17
NR4A1AS	-1. 236583221	7. 041247259	1. 09E-17	5. 06E-17
PSLNR	5. 49299839	4. 865597123	1. 14E-17	5. 29E-17
LINC01099	-1. 831446331	2. 851928121	1. 43E-17	6. 62E-17
LINC00974	-1. 477001476	3. 303029946	1. 50E-17	6. 93E-17
LINC01788	1. 849518324	4. 906547938	1. 59E-17	7. 37E-17
FEZF1-AS1	3. 099032294	5. 527213498	1. 71E-17	7. 88E-17
HOXC-AS2	1. 349785539	7. 433087316	1. 76E-17	8. 12E-17
ZNF516-DT	1. 23929214	6. 430678342	1. 95E-17	8. 98E-17
SCUBE1-AS2	3. 930173961	5. 15370167	2. 17E-17	9. 94E-17
LINC02757	-1. 255487413	2. 906555972	2. 24E-17	1. 02E-16
SLC4A8-AS1	2. 30606373	3. 598330047	2. 25E-17	1. 03E-16
C5orf34-AS1	1. 861431262	5. 414197943	3. 12E-17	1. 42E-16
HOXB-AS3	2. 784687799	8. 734155847	3. 53E-17	1. 60E-16
LINC01648	2. 397828929	3. 005969672	3. 55E-17	1. 61E-16
NAV2-AS6	-1. 172878153	7. 030143429	3. 63E-17	1. 64E-16
LINC02533	2. 14398526	3. 820334273	4. 00E-17	1. 81E-16
DIP2C-AS1	-1. 266453443	6. 621273536	4. 26E-17	1. 92E-16
LINC01863	2. 203437745	5. 241284203	4. 70E-17	2. 12E-16
THSD4-AS1	2. 860034651	5. 223803503	5. 00E-17	2. 24E-16
MAPT-IT1	2. 479932077	7. 202066041	5. 10E-17	2. 28E-16
LINC01013	-1. 003564614	5. 445357078	5. 32E-17	2. 37E-16
C5orf64	-1. 520646296	5. 022115145	5. 53E-17	2. 46E-16
IL12A-AS1	1. 249446087	5. 089771522	5. 66E-17	2. 51E-16
LINC02551	2. 761544616	6. 78020769	5. 66E-17	2. 51E-16
STPG3-AS1	1. 262732884	6. 474400414	6. 01E-17	2. 66E-16
VAC14-AS1	1. 071551672	4. 683601116	6. 38E-17	2. 83E-16
C5orf38	1. 626272859	11. 38736989	7. 97E-17	3. 52E-16
FAM230G	2. 810832433	3. 363519409	9. 99E-17	4. 40E-16
FRGCA	2. 716639829	3. 856829329	1. 01E-16	4. 45E-16

LINC01970	1. 097524082	4. 696348972	1. 03E-16	4. 54E-16
LINC02636	-1. 360585444	3. 393190229	1. 14E-16	5. 00E-16
LINC02571	2. 132373713	5. 195683633	1. 14E-16	5. 01E-16
SLX1A-SULT1A3	1. 306817821	3. 882965477	1. 24E-16	5. 40E-16
LINC01010	-1. 326238298	5. 651519118	1. 27E-16	5. 55E-16
LINC01655	1. 813613372	4. 095944894	1. 37E-16	5. 94E-16
IL21R-AS1	1. 454877494	4. 512192891	1. 41E-16	6. 13E-16
DIRC1	1. 439604972	4. 957342844	1. 65E-16	7. 16E-16
INHBA-AS1	1. 247151386	5. 375316091	1. 73E-16	7. 51E-16
TDRG1	2. 556473588	3. 939223994	1. 78E-16	7. 72E-16
DPP4-DT	-1. 282456863	3. 668135767	1. 79E-16	7. 72E-16
SNAP47-AS1	1. 380546736	3. 725632009	1. 85E-16	7. 97E-16
NAMA	-1. 339983612	3. 759784509	2. 00E-16	8. 60E-16
LINC00540	-1. 23605937	4. 841699539	2. 43E-16	1. 04E-15
GACAT2	3. 188215521	5. 786466258	2. 46E-16	1. 05E-15
LINC01979	1. 384602181	5. 636364893	2. 48E-16	1. 06E-15
LINC02568	1. 866080421	10. 84397469	3. 03E-16	1. 29E-15
RORB-AS1	-1. 709209666	2. 965825202	3. 16E-16	1. 34E-15
LHX1-DT	5. 435387578	5. 679174803	3. 18E-16	1. 35E-15
C1orf147	1. 014813733	5. 155996422	3. 51E-16	1. 48E-15
LINC02028	1. 056271778	6. 668497125	3. 85E-16	1. 63E-15
GACAT3	2. 32963326	4. 412892549	3. 95E-16	1. 67E-15
BRWD1-AS1	1. 236179503	4. 407170219	4. 33E-16	1. 83E-15
MIR222HG	-1. 019496063	7. 686651083	4. 65E-16	1. 96E-15
TRPM2-AS	1. 606270253	9. 089623998	5. 18E-16	2. 18E-15
LINC01998	2. 515446631	3. 71915011	5. 44E-16	2. 28E-15
LINC01266	-1. 51023796	5. 373558991	5. 45E-16	2. 28E-15
DGCR5	1. 492441035	5. 986340073	5. 76E-16	2. 41E-15
ANK3-DT	1. 591368016	4. 625911837	6. 20E-16	2. 59E-15
LINC01556	1. 643154031	4. 498707789	6. 60E-16	2. 74E-15
LINC00517	-1. 075501262	4. 975343642	6. 67E-16	2. 77E-15
MGC15885	-1. 697709839	3. 12677161	7. 94E-16	3. 28E-15
LINC02099	2. 301620151	6. 123823091	8. 48E-16	3. 50E-15
LINC00896	1. 482386551	5. 416598602	8. 49E-16	3. 50E-15
LINC01956	3. 192146965	7. 910649047	1. 00E-15	4. 12E-15
LINC01287	3. 416403806	7. 603841434	1. 05E-15	4. 31E-15
LINC00668	5. 294782317	9. 108270045	1. 10E-15	4. 52E-15
LINC01546	1. 148809329	3. 72896858	1. 14E-15	4. 66E-15
LINC01555	2. 052855976	3. 594635104	1. 16E-15	4. 71E-15
LINC00518	4. 214192181	6. 005004041	1. 18E-15	4. 82E-15
P3H2-AS1	-1. 643314016	3. 882213637	1. 24E-15	5. 03E-15
FAM153CP	1. 421450743	4. 917849732	1. 51E-15	6. 15E-15
COLCA1	-1. 27624585	9. 037608355	1. 56E-15	6. 34E-15
LINC02554	-1. 420370725	3. 007583881	1. 74E-15	7. 05E-15
MEIS1-AS2	-1. 224455775	2. 945257678	1. 74E-15	7. 05E-15
FAM83A-AS1	2. 554506113	5. 093179601	1. 83E-15	7. 38E-15
FLJ31356	1. 096373372	5. 879712934	1. 95E-15	7. 84E-15
LINC00524	2. 76011507	3. 747124687	2. 04E-15	8. 20E-15
LINC01239	-1. 410917804	6. 808358561	2. 11E-15	8. 45E-15
LINC01592	2. 148538353	3. 474643108	2. 16E-15	8. 65E-15
GPRACR	1. 35870356	3. 784174713	2. 23E-15	8. 92E-15

LINC02574	1. 8510507	3. 762312437	2. 24E-15	8. 94E-15
BCRP3	1. 236530551	6. 449726429	2. 36E-15	9. 41E-15
LINC00639	-1. 129200582	7. 741348117	2. 76E-15	1. 10E-14
LINC01293	2. 307935574	5. 409331436	3. 10E-15	1. 23E-14
FAM242C	1. 174405314	4. 470355682	3. 37E-15	1. 33E-14
NECTIN4-AS1	1. 477071887	4. 12642959	3. 39E-15	1. 34E-14
LINC01558	-1. 02061517	6. 5187731	3. 48E-15	1. 37E-14
BSN-DT	1. 690475612	4. 231283783	4. 18E-15	1. 64E-14
HPYR1	2. 190045934	3. 197029053	4. 20E-15	1. 65E-14
ETV7-AS1	1. 438033651	4. 362394478	4. 39E-15	1. 72E-14
USP2-AS1	1. 24205815	6. 43194515	4. 76E-15	1. 86E-14
CRAT37	2. 805368099	5. 347152072	5. 07E-15	1. 98E-14
LINC02247	4. 606360417	4. 926667918	5. 09E-15	1. 98E-14
LINC01811	3. 493128236	4. 186260379	5. 77E-15	2. 24E-14
UMODL1-AS1	2. 176544094	4. 998251709	6. 01E-15	2. 33E-14
HCG20	1. 066111169	4. 829234579	6. 06E-15	2. 35E-14
STAG1-DT	1. 443294334	3. 446538767	6. 27E-15	2. 43E-14
LINC01389	1. 073282743	5. 803318096	6. 30E-15	2. 44E-14
NCKAP5-AS2	-1. 109058672	4. 680531316	6. 73E-15	2. 59E-14
PPP1R21-DT	1. 035097407	4. 987398401	7. 03E-15	2. 70E-14
LINC01883	-1. 98075794	3. 60774166	7. 18E-15	2. 75E-14
ETV5-AS1	-1. 234969029	3. 377950899	8. 09E-15	3. 09E-14
LINC02516	1. 364085662	5. 000570817	8. 29E-15	3. 16E-14
FAM181A-AS1	-1. 6921956	2. 951498656	8. 33E-15	3. 17E-14
LINC01357	1. 605205119	4. 636293641	8. 40E-15	3. 19E-14
MECOM-AS1	-1. 301581202	3. 177535	8. 77E-15	3. 33E-14
COL25A1-DT	-1. 123111461	2. 917821413	9. 03E-15	3. 43E-14
LINC02345	1. 31934034	5. 76743283	9. 98E-15	3. 78E-14
KCNMB2-AS1	2. 863266771	6. 651823214	1. 00E-14	3. 79E-14
LINC02234	-1. 169916529	3. 965964294	1. 09E-14	4. 11E-14
LINC01297	4. 120752779	4. 120864796	1. 15E-14	4. 34E-14
LINC02438	3. 53677944	3. 763837296	1. 25E-14	4. 70E-14
C8orf86	2. 042394938	5. 97915056	1. 26E-14	4. 73E-14
C8orf37-AS1	1. 070335797	5. 94025698	1. 32E-14	4. 97E-14
SUGCT-AS1	1. 468792879	5. 667634181	1. 33E-14	4. 97E-14
VAV3-AS1	1. 90006469	4. 195794237	1. 37E-14	5. 13E-14
LINC01121	1. 055525652	6. 021660726	1. 74E-14	6. 50E-14
LINC02036	1. 408680286	7. 163681025	1. 85E-14	6. 88E-14
LINC02254	-1. 96412711	2. 98553791	2. 11E-14	7. 86E-14
PINCR	4. 272872317	4. 409721007	2. 12E-14	7. 88E-14
LINC00494	1. 890922871	5. 898633692	2. 18E-14	8. 07E-14
DRAIC	1. 631402402	9. 699815887	2. 20E-14	8. 14E-14
LINCR-0001	-1. 128689178	6. 12145027	2. 35E-14	8. 69E-14
IL21-AS1	2. 067275819	4. 167846476	2. 52E-14	9. 31E-14
LINC02446	1. 766652899	6. 756980206	2. 74E-14	1. 01E-13
LINC02417	2. 105983978	3. 169075475	2. 85E-14	1. 05E-13
LINC02351	-1. 805221557	3. 834296945	2. 89E-14	1. 06E-13
LINC01771	1. 542433871	3. 735192022	2. 98E-14	1. 09E-13
GS1-24F4. 2	-1. 390553244	4. 150653154	3. 01E-14	1. 10E-13
GSTCD-AS1	1. 040251032	4. 181517882	3. 13E-14	1. 14E-13
TMEM105	1. 488046152	7. 340910703	3. 50E-14	1. 27E-13

LINC02433	3. 571647174	6. 08348469	3. 90E-14	1. 42E-13
MIR4713HG	3. 440780881	3. 838015098	4. 01E-14	1. 46E-13
LINC02761	-1. 026816428	5. 14667193	4. 16E-14	1. 51E-13
LINC02560	1. 613926966	7. 056718927	4. 40E-14	1. 60E-13
SLC9A3-AS1	1. 013491611	10. 1204485	4. 69E-14	1. 70E-13
LINC01410	1. 139403635	9. 272506801	4. 96E-14	1. 79E-13
LINC01953	4. 134845819	3. 188691396	5. 31E-14	1. 92E-13
LINC02830	3. 263707874	4. 658370315	6. 15E-14	2. 22E-13
SILC1	2. 679473884	6. 782766873	6. 63E-14	2. 38E-13
CARHSP1-DT	1. 521369989	3. 256204046	7. 97E-14	2. 86E-13
PLAC4	2. 186323998	7. 435440494	8. 05E-14	2. 88E-13
LINC02077	5. 610456708	4. 182434022	8. 88E-14	3. 17E-13
TMEM92-AS1	1. 168978861	5. 4736816	9. 04E-14	3. 22E-13
LINC00613	4. 885126853	3. 638050276	1. 10E-13	3. 88E-13
ZNF474-AS1	1. 539913187	3. 651698629	1. 11E-13	3. 94E-13
HOXB-AS4	2. 883281056	3. 852160901	1. 25E-13	4. 41E-13
LSINCT5	-1. 313420539	4. 857235484	1. 30E-13	4. 60E-13
LINC02147	-1. 452991479	3. 591392267	1. 31E-13	4. 61E-13
LINC01022	2. 760503534	2. 992541182	1. 32E-13	4. 64E-13
LINC02518	-1. 420842587	4. 240272874	1. 36E-13	4. 79E-13
LINC02208	1. 814656898	4. 326075173	1. 37E-13	4. 80E-13
FER1L6-AS2	4. 046948487	3. 878511563	1. 71E-13	5. 97E-13
SLC7A11-AS1	1. 755943045	4. 19653994	1. 83E-13	6. 37E-13
LINC02520	1. 679818535	3. 895453503	1. 84E-13	6. 39E-13
LINC01647	3. 063048255	3. 037869439	1. 88E-13	6. 53E-13
PTCHD1-AS	-1. 560308626	3. 045648388	1. 90E-13	6. 58E-13
IRAIN	1. 847663532	6. 06307776	2. 05E-13	7. 10E-13
NDP-AS1	3. 073986121	3. 591232681	2. 06E-13	7. 11E-13
SIX3-AS1	3. 117959308	4. 75267938	2. 06E-13	7. 12E-13
FLJ16779	1. 842270047	5. 875802663	2. 14E-13	7. 38E-13
RYR3-DT	-1. 873060046	3. 651924964	2. 30E-13	7. 87E-13
ASH1L-IT1	1. 686581765	3. 055829313	2. 35E-13	8. 04E-13
CSTF3-DT	1. 08892029	4. 025763941	2. 50E-13	8. 53E-13
USP7-AS1	1. 042796476	3. 876128787	2. 68E-13	9. 12E-13
LINC01926	2. 602969174	2. 919236981	2. 72E-13	9. 25E-13
LINC00452	1. 623116976	3. 478317934	2. 74E-13	9. 30E-13
LINC01087	2. 188270807	10. 39588366	3. 09E-13	1. 05E-12
LINC02245	1. 620895402	3. 905987632	3. 28E-13	1. 11E-12
CDKN2A-DT	2. 015946204	3. 815731048	3. 53E-13	1. 19E-12
LINC02073	1. 249054903	5. 133290162	3. 56E-13	1. 20E-12
LINC02539	1. 926978674	2. 813138849	3. 67E-13	1. 24E-12
LINC02475	3. 007640415	5. 838306512	4. 32E-13	1. 45E-12
FAM230C	5. 115939048	4. 164277805	4. 44E-13	1. 49E-12
FRY-AS1	1. 349163773	4. 324351033	4. 65E-13	1. 56E-12
LINC02015	1. 91244503	7. 553335723	4. 67E-13	1. 56E-12
LNCAROD	2. 675616631	5. 856894419	4. 82E-13	1. 61E-12
PBX1-AS1	2. 013039061	4. 058841532	4. 99E-13	1. 67E-12
MAGEA4-AS1	5. 52566303	4. 480690449	5. 57E-13	1. 85E-12
LINC01163	1. 722522152	3. 715797478	5. 70E-13	1. 89E-12
VPS9D1-AS1	1. 11510405	9. 694832486	6. 18E-13	2. 05E-12
CATIP-AS2	1. 757289639	3. 330841369	6. 37E-13	2. 11E-12

PKP4-AS1	1. 061229221	7. 579514752	6. 57E-13	2. 17E-12
TPRG1-AS2	2. 037559463	4. 224100643	7. 02E-13	2. 31E-12
LINC01351	3. 245740613	5. 592779676	7. 55E-13	2. 48E-12
SCG5-AS1	1. 580343348	3. 049304465	7. 78E-13	2. 56E-12
MYO3B-AS1	3. 215839392	4. 097156352	7. 97E-13	2. 62E-12
FOXP4-AS1	1. 169666089	7. 071109539	7. 99E-13	2. 62E-12
MDS2	1. 305044276	4. 214775178	8. 32E-13	2. 72E-12
LINC00504	1. 435721805	11. 03393031	8. 65E-13	2. 82E-12
LINC00165	-1. 362383816	4. 377390596	9. 02E-13	2. 93E-12
LINC02197	3. 795601272	5. 583016624	9. 22E-13	2. 99E-12
MIR181A1HG	1. 475631688	4. 061852987	9. 50E-13	3. 08E-12
MIR7-3HG	3. 85353535	5. 140193195	9. 66E-13	3. 13E-12
LINC01740	1. 69428771	4. 389307561	1. 02E-12	3. 30E-12
LINC01234	2. 821995829	5. 346373961	1. 03E-12	3. 32E-12
LINC02679	-1. 136659233	2. 946548965	1. 05E-12	3. 41E-12
LINC02112	2. 146891231	3. 04347012	1. 09E-12	3. 52E-12
PIK3CD-AS1	1. 189742314	4. 139831524	1. 10E-12	3. 53E-12
DLG1-AS1	1. 029081037	5. 374385166	1. 10E-12	3. 55E-12
LINC01214	1. 780730772	3. 810550578	1. 13E-12	3. 63E-12
LINC01983	2. 496604122	4. 746990989	1. 13E-12	3. 64E-12
LINC00158	1. 52552369	4. 061468024	1. 18E-12	3. 78E-12
IDH2-DT	1. 541702886	4. 718618162	1. 19E-12	3. 81E-12
LINC02874	2. 019034151	3. 110793476	1. 42E-12	4. 51E-12
DELEC1	1. 787715356	5. 656953914	1. 50E-12	4. 76E-12
LINC02418	3. 310815057	4. 289937418	1. 57E-12	4. 98E-12
LINC01606	3. 757283517	5. 812027748	1. 57E-12	4. 99E-12
LINC02450	1. 610952337	3. 967046611	1. 61E-12	5. 09E-12
LINC00305	4. 680615534	3. 702245733	1. 61E-12	5. 10E-12
KCNK15-AS1	1. 032379014	6. 77687595	1. 64E-12	5. 19E-12
LINC00299	1. 064546512	5. 055629209	1. 75E-12	5. 51E-12
LURAP1L-AS1	1. 589588747	4. 260393186	1. 83E-12	5. 75E-12
LINC02542	1. 480432877	6. 416175144	2. 02E-12	6. 35E-12
GTSCR1	2. 041828001	3. 133434008	2. 06E-12	6. 47E-12
LINC01419	6. 870677894	6. 03622285	2. 07E-12	6. 47E-12
LINC02705	-1. 066327004	3. 194092563	2. 16E-12	6. 76E-12
MAPT-AS1	2. 214981096	7. 405140559	2. 37E-12	7. 41E-12
LINC02014	1. 431380984	5. 125482774	2. 51E-12	7. 83E-12
LINC02097	-1. 162580118	4. 506971942	2. 61E-12	8. 12E-12
FARSA-AS1	1. 821237728	3. 431769329	2. 94E-12	9. 09E-12
C2orf91	1. 242965297	4. 486179714	2. 96E-12	9. 12E-12
LINC02278	1. 616458047	3. 536320204	2. 96E-12	9. 13E-12
LINC02880	-1. 417069957	4. 566609424	3. 51E-12	1. 08E-11
LINC01879	2. 692023543	3. 207341324	3. 56E-12	1. 09E-11
MIR378D2HG	1. 101899014	3. 99331718	3. 66E-12	1. 13E-11
LINC00392	5. 814607994	4. 712139353	3. 99E-12	1. 22E-11
LINC02100	1. 453897993	3. 84600602	4. 13E-12	1. 26E-11
LINC02324	1. 756054436	2. 994736089	4. 52E-12	1. 38E-11
LINC01303	1. 219327489	5. 315689871	4. 80E-12	1. 47E-11
LINC02129	2. 992254546	3. 447782293	4. 83E-12	1. 47E-11
LINC01271	1. 066267347	5. 315888618	5. 12E-12	1. 56E-11
LINC02875	1. 161158321	5. 980902314	5. 33E-12	1. 62E-11

LINC01513	2. 017015231	3. 757300958	5. 38E-12	1. 63E-11
LINC01445	4. 833017606	3. 741912579	5. 94E-12	1. 80E-11
LINC02054	2. 036499438	4. 134894943	5. 96E-12	1. 80E-11
BFSP2-AS1	1. 958495658	5. 352035496	6. 10E-12	1. 84E-11
LINC01583	1. 82634788	3. 102792935	6. 44E-12	1. 95E-11
VSTM2A-OT1	4. 409483764	6. 872639117	7. 67E-12	2. 30E-11
LINC01653	5. 790282796	4. 716625647	8. 06E-12	2. 42E-11
ELDR	2. 938532107	3. 924254506	8. 11E-12	2. 43E-11
C1QTNF1-AS1	-1. 235333458	3. 888045636	8. 83E-12	2. 64E-11
LINC02868	2. 282218403	2. 875750631	9. 87E-12	2. 94E-11
LINC02506	3. 843075313	5. 994343882	1. 01E-11	3. 00E-11
LINC02067	1. 508014154	4. 17533519	1. 02E-11	3. 02E-11
MIR663AHG	3. 305088176	3. 714098944	1. 14E-11	3. 38E-11
LINC01518	4. 170818185	3. 731632958	1. 29E-11	3. 81E-11
LINC00930	1. 273712881	7. 122255643	1. 41E-11	4. 14E-11
LINC00322	1. 261055912	3. 830654145	1. 41E-11	4. 14E-11
AAACL2-AS1	-1. 082766009	4. 645008632	1. 48E-11	4. 36E-11
LINC02753	-1. 312154633	3. 049199796	1. 55E-11	4. 55E-11
LINC00992	2. 310327296	7. 216065276	1. 63E-11	4. 77E-11
LINC02273	1. 329379839	6. 125434531	1. 70E-11	4. 96E-11
LINC00365	1. 300604403	4. 926464511	1. 71E-11	4. 98E-11
LINC00210	4. 639222539	3. 555911365	1. 77E-11	5. 17E-11
FGF12-AS3	-1. 209318082	3. 267137722	1. 81E-11	5. 27E-11
LINC00221	3. 877381021	5. 615449011	1. 90E-11	5. 53E-11
LINC01479	-1. 164659557	3. 026020145	1. 97E-11	5. 73E-11
DNM3-IT1	1. 281777759	3. 07157817	2. 00E-11	5. 81E-11
LINC01283	1. 614446615	2. 906732584	2. 12E-11	6. 13E-11
C8orf31	1. 333701825	7. 797468584	2. 12E-11	6. 13E-11
MYB-AS1	1. 332783977	4. 256328667	2. 21E-11	6. 38E-11
NAALADL2-AS2	2. 872115624	4. 706711821	2. 21E-11	6. 38E-11
LINC02577	2. 437031018	4. 156793629	2. 43E-11	7. 01E-11
C7orf77	2. 545674374	3. 487190581	2. 53E-11	7. 29E-11
COL4A2-AS2	-1. 273978078	3. 498144012	2. 76E-11	7. 93E-11
LINCR-0003	-1. 789588216	3. 878522802	2. 77E-11	7. 95E-11
LINC02332	1. 529994446	3. 974776621	3. 21E-11	9. 18E-11
LINC02774	1. 680087242	3. 869786138	3. 61E-11	1. 03E-10
TBL1XR1-AS1	1. 456772516	3. 765565813	3. 92E-11	1. 11E-10
C5orf60	1. 039977833	3. 871456593	4. 03E-11	1. 14E-10
C17orf102	2. 950380198	4. 05472523	4. 10E-11	1. 16E-10
TRBV11-2	1. 343638177	5. 07037558	4. 13E-11	1. 17E-10
LINC01508	1. 83210095	6. 01952057	4. 15E-11	1. 17E-10
LINC02003	2. 876649485	3. 190833804	4. 38E-11	1. 24E-10
LINC01896	3. 141179622	3. 358682544	4. 56E-11	1. 28E-10
ATXN80S	4. 540163568	4. 019794723	4. 58E-11	1. 29E-10
PEX5L-AS1	2. 506006289	2. 870738957	5. 22E-11	1. 46E-10
LINC02463	1. 487251061	4. 027404804	5. 27E-11	1. 48E-10
LINC02046	3. 232821347	3. 323478382	5. 49E-11	1. 54E-10
TLR8-AS1	2. 154420117	3. 582473585	5. 68E-11	1. 59E-10
LINC01694	1. 693139904	6. 619123829	5. 77E-11	1. 61E-10
LINC02159	2. 015589393	5. 13458196	6. 37E-11	1. 77E-10
LL22NC03-63E9. 3	2. 396751691	3. 766865706	6. 48E-11	1. 80E-10

LINC00867	2. 351420802	4. 912859319	7. 00E-11	1. 94E-10
FOXCUT	2. 729785146	6. 779805391	7. 33E-11	2. 03E-10
LINC02335	4. 028072588	3. 260525088	7. 90E-11	2. 18E-10
MIR4300HG	2. 29649717	3. 767226379	8. 16E-11	2. 25E-10
LMNB1-DT	1. 541728114	2. 84613156	8. 33E-11	2. 29E-10
SAMSN1-AS1	1. 590666407	2. 890197631	8. 44E-11	2. 32E-10
LINC02223	1. 555916527	3. 486526544	8. 62E-11	2. 37E-10
CEACAM16-AS1	1. 106575324	7. 712322381	9. 02E-11	2. 47E-10
LINC01425	3. 992961855	3. 483223298	9. 06E-11	2. 48E-10
LINC02389	1. 193652759	5. 167552488	9. 27E-11	2. 53E-10
ADORA2A-AS1	1. 064886904	6. 123597774	9. 37E-11	2. 56E-10
HAR1A	1. 574952383	7. 460420244	9. 56E-11	2. 61E-10
LINC02163	3. 219008843	3. 924630423	1. 04E-10	2. 83E-10
HOXA11-AS	1. 283288941	6. 374071055	1. 16E-10	3. 16E-10
LINC01446	3. 795092658	5. 287134151	1. 20E-10	3. 27E-10
LINC01411	2. 058396435	7. 954464722	1. 34E-10	3. 63E-10
GATA2-AS1	1. 198719463	8. 693724375	1. 34E-10	3. 65E-10
LINC02253	3. 66594102	4. 70008717	1. 45E-10	3. 93E-10
LINC01940	-1. 04354872	3. 409213099	1. 46E-10	3. 95E-10
NR1R	1. 145130718	5. 618221848	1. 69E-10	4. 58E-10
LINC00544	1. 818050856	3. 553941259	1. 70E-10	4. 60E-10
LINC01674	2. 448567587	2. 801426418	1. 73E-10	4. 67E-10
LINC00261	5. 786619694	6. 255183511	1. 76E-10	4. 74E-10
LINC02752	1. 222801086	3. 968905821	1. 80E-10	4. 86E-10
LINC00824	2. 192947294	4. 502656	1. 83E-10	4. 92E-10
DLX6-AS1	1. 927947254	6. 338568109	2. 08E-10	5. 58E-10
LINC01342	1. 19489548	5. 615150662	2. 09E-10	5. 61E-10
LINC01633	3. 570578793	3. 256257853	2. 14E-10	5. 72E-10
LINC01924	3. 524328032	4. 52319727	2. 14E-10	5. 73E-10
LINC00923	-1. 253087177	3. 860993271	2. 29E-10	6. 11E-10
LINC02882	3. 136868648	4. 124246509	2. 38E-10	6. 34E-10
C8orf87	3. 27055311	4. 424322864	2. 58E-10	6. 87E-10
LINC02694	1. 403475063	3. 253283579	2. 76E-10	7. 34E-10
SOX9-AS1	-1. 083438474	9. 84903727	2. 79E-10	7. 39E-10
LINC01215	1. 468687468	6. 498052677	3. 24E-10	8. 55E-10
LINC02377	4. 517868742	3. 786541105	3. 28E-10	8. 62E-10
LINC02515	-1. 304563632	6. 159229624	3. 65E-10	9. 59E-10
RMRP	4. 097958735	4. 801802175	3. 95E-10	1. 04E-09
LINC01973	1. 281942235	3. 498470079	4. 12E-10	1. 08E-09
LINC00944	1. 187614889	5. 633436207	4. 38E-10	1. 14E-09
CLLU1-AS1	1. 931114086	4. 649626017	4. 53E-10	1. 18E-09
CELF2-AS1	-1. 029224519	5. 043735959	4. 95E-10	1. 29E-09
LINC02732	2. 855442188	4. 403518868	5. 04E-10	1. 31E-09
LINC01781	1. 670205436	5. 024409966	5. 31E-10	1. 38E-09
GRIK1-AS1	-1. 245673825	6. 966692195	5. 94E-10	1. 54E-09
LINC01489	1. 365204408	5. 623448198	5. 98E-10	1. 55E-09
PACRG-AS1	-1. 141544944	3. 600983431	6. 00E-10	1. 55E-09
C2-AS1	1. 076340742	4. 134038953	6. 03E-10	1. 56E-09
LINC00858	3. 076823985	5. 164516452	6. 10E-10	1. 57E-09
HUNK-AS1	2. 028589859	3. 048621032	6. 16E-10	1. 59E-09
LINC01475	2. 992685843	2. 878261345	6. 17E-10	1. 59E-09

LINC00563	1. 614080412	3. 374103025	6. 29E-10	1. 62E-09
LINC02707	1. 400866	3. 722936299	6. 31E-10	1. 62E-09
SKAP1-AS1	1. 208002983	3. 484076348	6. 57E-10	1. 69E-09
LIVAR	1. 538928382	4. 506973413	6. 96E-10	1. 78E-09
LINC02037	1. 859706675	3. 631527277	7. 19E-10	1. 84E-09
LINC01664	1. 11420793	4. 026988978	7. 37E-10	1. 88E-09
POU6F2-AS2	3. 59237251	3. 508825562	8. 13E-10	2. 07E-09
LINC01675	1. 651885741	3. 086120028	8. 21E-10	2. 09E-09
LINC02484	3. 928770554	3. 176802208	8. 99E-10	2. 28E-09
LINC00564	5. 010635698	4. 086296769	9. 76E-10	2. 47E-09
LINC02055	2. 598170058	5. 415713512	1. 04E-09	2. 62E-09
NCKAP5-IT1	1. 585511984	2. 95547887	1. 05E-09	2. 64E-09
LINC02521	1. 295453586	3. 300791203	1. 06E-09	2. 68E-09
DSCR4	3. 695757424	3. 253407465	1. 13E-09	2. 84E-09
BANCR	2. 432126206	5. 443268761	1. 15E-09	2. 90E-09
LINC02074	2. 591114991	2. 840829603	1. 22E-09	3. 05E-09
LINC00589	1. 879606767	6. 48507619	1. 23E-09	3. 08E-09
BARX1-DT	2. 885444084	3. 312630226	1. 25E-09	3. 14E-09
LINC01574	3. 156102415	3. 23045357	1. 30E-09	3. 26E-09
ARHGAP28-AS1	-1. 007662497	4. 081594031	1. 31E-09	3. 26E-09
LINC02816	1. 102325162	3. 407030743	1. 45E-09	3. 60E-09
LINC02860	-1. 122199477	2. 777060133	1. 46E-09	3. 63E-09
LINC00113	2. 287304555	3. 574119652	1. 48E-09	3. 67E-09
GRAMD1A-AS1	1. 040215414	3. 353865072	1. 57E-09	3. 87E-09
LINC00520	1. 510306457	3. 641157703	1. 57E-09	3. 87E-09
LINC02809	1. 016835524	4. 127536252	1. 58E-09	3. 91E-09
LINC02154	1. 836826454	4. 376374481	1. 60E-09	3. 95E-09
SDAD1-AS1	1. 377600523	3. 027597316	1. 72E-09	4. 24E-09
LINC01470	2. 297676863	3. 300771425	1. 78E-09	4. 38E-09
LINC01906	2. 187556787	3. 675861538	1. 93E-09	4. 72E-09
LINC02466	3. 2710377	3. 18632145	1. 93E-09	4. 74E-09
LINC01124	1. 336484986	7. 36084269	2. 02E-09	4. 93E-09
LINC02241	3. 134418415	3. 108018997	2. 15E-09	5. 26E-09
RBMS3-AS2	-1. 108302245	3. 375642441	2. 16E-09	5. 28E-09
LINC02523	2. 751977326	3. 601788996	2. 31E-09	5. 63E-09
LINC01414	2. 878937519	3. 00274485	2. 41E-09	5. 85E-09
LINC02380	2. 480732673	2. 870285745	2. 58E-09	6. 25E-09
LINC01992	3. 470506223	4. 776907517	2. 70E-09	6. 54E-09
LINC01436	1. 4842826	8. 791389494	2. 76E-09	6. 70E-09
LINC01716	4. 464950284	4. 461751223	2. 79E-09	6. 75E-09
LINC02378	3. 777107348	3. 596377644	2. 80E-09	6. 78E-09
MIR548XHG	4. 095973004	4. 452292881	2. 88E-09	6. 95E-09
LINC00200	3. 470084301	4. 351400563	3. 02E-09	7. 29E-09
LINC01269	1. 335504066	5. 125086721	3. 26E-09	7. 86E-09
PAQR5-DT	1. 402443257	4. 923526535	3. 45E-09	8. 30E-09
LINC02869	1. 700988877	3. 521343888	3. 51E-09	8. 43E-09
SMYD3-IT1	1. 623523741	3. 040125294	3. 54E-09	8. 51E-09
BBOX1-AS1	1. 166896174	5. 317415544	3. 66E-09	8. 79E-09
LINC01792	1. 235585758	4. 290634714	3. 96E-09	9. 49E-09
LINC01764	1. 134206535	3. 442985836	4. 18E-09	1. 00E-08
LINC00402	1. 553732931	5. 193199677	4. 69E-09	1. 12E-08

LINC01891	-1.091220557	3.344325783	5.24E-09	1.24E-08
LINC01559	2.109190408	4.167545523	5.36E-09	1.27E-08
LINC02561	1.014549383	4.07260523	5.74E-09	1.36E-08
LINC02068	1.088871447	5.333915982	5.82E-09	1.38E-08
SLC2A9-AS1	1.170743329	4.879734254	6.21E-09	1.47E-08
LINC02641	1.325153461	3.770543018	6.36E-09	1.50E-08
LINC01014	3.379679118	3.528498333	6.43E-09	1.51E-08
FOXF2-DT	1.348638041	3.530816107	7.22E-09	1.69E-08
LINC00244	1.093756662	3.265279674	7.30E-09	1.71E-08
BICRA-AS1	1.849504932	3.169543013	7.44E-09	1.74E-08
LINC01107	1.257420902	3.563433868	9.02E-09	2.10E-08
LINC02167	4.732700716	5.629378534	9.65E-09	2.25E-08
OPCML-IT1	4.142422037	3.389364642	9.74E-09	2.27E-08
LINC02576	1.029272013	5.209121855	9.75E-09	2.27E-08
VCAN-AS1	1.154403371	3.945026638	1.01E-08	2.35E-08
LINC00567	1.051611831	3.977208249	1.03E-08	2.38E-08
MIMT1	1.773777133	4.965738345	1.10E-08	2.56E-08
RSF1-IT1	1.19870162	3.495018783	1.15E-08	2.67E-08
RABGAP1L-AS1	1.550398916	3.139139546	1.16E-08	2.68E-08
ADARB2-AS1	3.39066824	5.440798778	1.27E-08	2.93E-08
LINC02579	1.222309046	3.492840459	1.28E-08	2.94E-08
LINC00709	4.084429367	3.502658538	1.31E-08	3.01E-08
LINC02365	1.421043014	3.150216696	1.31E-08	3.01E-08
DLGAP1-AS3	2.212886931	3.340768386	1.33E-08	3.06E-08
LINC02437	2.346713651	4.890540009	1.40E-08	3.20E-08
LINC01843	1.235540682	7.174089881	1.45E-08	3.32E-08
POTEF-AS1	2.417539202	3.995804073	1.49E-08	3.40E-08
SPATA3-AS1	1.227554428	4.620252892	1.52E-08	3.48E-08
LINC02588	2.626005497	4.448860168	1.54E-08	3.52E-08
MGC32805	1.852216134	5.292645525	1.59E-08	3.64E-08
LINC01993	1.056501358	4.236963535	1.64E-08	3.74E-08
NAV2-AS3	1.234390414	3.574641446	1.76E-08	3.99E-08
LINC02837	2.474308581	2.893947397	1.77E-08	4.02E-08
LINC01490	3.853988484	3.643178011	1.83E-08	4.16E-08
LINC01501	2.155952924	3.150080363	1.89E-08	4.28E-08
CASC20	2.239689846	3.166490113	1.89E-08	4.29E-08
SIDT1-AS1	1.050011609	4.12311792	1.94E-08	4.40E-08
NECTIN3-AS1	-1.043160405	4.192563478	1.98E-08	4.46E-08
LINC02308	-1.133238961	4.395860993	2.11E-08	4.77E-08
LINC00626	1.418425635	3.460802818	2.30E-08	5.18E-08
LINC01726	1.463320662	2.70730803	2.55E-08	5.74E-08
LINC02109	2.848363334	3.541238961	2.56E-08	5.75E-08
SCGB1B2P	1.651627549	9.496819725	2.60E-08	5.84E-08
KU-MEL-3	1.126520796	4.746638928	2.61E-08	5.86E-08
GDF5-AS1	-1.043632853	3.003392901	2.66E-08	5.97E-08
PDE6B-AS1	1.487092691	4.665395575	2.75E-08	6.17E-08
LINC00351	2.907681014	2.773074361	2.78E-08	6.23E-08
LINC02783	1.878650499	3.534550369	2.95E-08	6.58E-08
ELFN2	1.902038612	3.139086051	3.07E-08	6.83E-08
PPM1B-DT	1.167450292	2.833641891	3.24E-08	7.21E-08
LINC02473	1.475544076	6.087032783	3.52E-08	7.82E-08

LINC02181	1. 975583581	3. 443451996	3. 72E-08	8. 24E-08
LINC01603	1. 665044032	3. 478669332	4. 04E-08	8. 91E-08
FILNC1	-1. 159380377	4. 109958925	4. 05E-08	8. 93E-08
DISC1FP1	-1. 132690276	3. 479642966	4. 18E-08	9. 20E-08
FLJ36000	3. 265391353	3. 066690636	4. 30E-08	9. 45E-08
SH3PXD2A-AS1	1. 131192534	6. 215262657	4. 34E-08	9. 53E-08
LING01-AS1	1. 363059257	3. 795374786	4. 39E-08	9. 64E-08
LINC00861	1. 00449342	8. 191908725	4. 48E-08	9. 82E-08
SALRNA1	1. 216485685	5. 665733184	4. 79E-08	1. 05E-07
LINC01608	3. 980910035	3. 988600748	4. 98E-08	1. 09E-07
PEX5L-AS2	2. 56610733	2. 818971612	5. 00E-08	1. 09E-07
HHATL-AS1	-1. 013544369	3. 493973484	5. 05E-08	1. 10E-07
LINC01016	1. 685026411	9. 484260256	5. 31E-08	1. 16E-07
LINC02842	1. 432428014	3. 371536223	5. 49E-08	1. 19E-07
IGFL2-AS1	1. 574489884	5. 350558669	5. 76E-08	1. 25E-07
C12orf77	1. 323276932	2. 954771482	6. 19E-08	1. 34E-07
LUNAR1	1. 210185234	4. 54879012	6. 35E-08	1. 37E-07
FOXP1-IT1	1. 161947251	4. 567646347	7. 17E-08	1. 55E-07
SLC25A48-AS1	2. 004036116	3. 031339922	7. 37E-08	1. 59E-07
LINC01925	3. 062803693	3. 073828925	7. 75E-08	1. 67E-07
LINC02432	1. 788775404	7. 486803465	8. 21E-08	1. 76E-07
LINC00355	3. 017526724	4. 598392337	8. 35E-08	1. 79E-07
LARGE-AS1	1. 278846893	3. 597943369	9. 01E-08	1. 92E-07
CACNA2D3-AS1	2. 35005482	2. 959293803	9. 17E-08	1. 95E-07
LINC00707	2. 251317965	8. 116280619	1. 01E-07	2. 15E-07
LINC00856	1. 06827476	4. 52799721	1. 03E-07	2. 18E-07
LINC00602	1. 965422789	3. 53462464	1. 08E-07	2. 28E-07
KCNAB1-AS2	1. 728724524	2. 893884264	1. 08E-07	2. 29E-07
PCSK6-AS1	1. 498252775	2. 808342556	1. 10E-07	2. 33E-07
BZW1-AS1	1. 236844309	3. 082410947	1. 10E-07	2. 34E-07
LINC02672	3. 29828776	3. 333662731	1. 12E-07	2. 37E-07
LINC01975	1. 365167433	2. 925096135	1. 14E-07	2. 41E-07
CASC9	2. 687812202	5. 904913467	1. 21E-07	2. 55E-07
LINC01623	1. 253554669	3. 816810565	1. 24E-07	2. 61E-07
PANTR1	-1. 430468307	3. 962065585	1. 47E-07	3. 09E-07
LINC02616	3. 697391474	4. 339213409	1. 81E-07	3. 79E-07
SHANK2-AS1	1. 364725562	4. 107138618	1. 90E-07	3. 96E-07
ARLNC1	1. 024158	5. 15449526	2. 01E-07	4. 19E-07
LINC01524	-1. 057599029	3. 771331276	2. 05E-07	4. 27E-07
IATPR	1. 213695725	3. 407765471	2. 08E-07	4. 33E-07
LINC00092	-1. 051260267	6. 465322981	2. 18E-07	4. 52E-07
MIR4290HG	1. 37075584	2. 902250891	2. 46E-07	5. 09E-07
RUNX2-AS1	1. 75435139	2. 721890657	2. 63E-07	5. 42E-07
LINC01980	3. 306114981	5. 33674256	2. 67E-07	5. 51E-07
LINC02820	2. 996626324	4. 620061229	3. 00E-07	6. 17E-07
ANKRD44-AS1	1. 106581084	4. 307893347	3. 23E-07	6. 63E-07
LINC01800	1. 0697382	3. 487829923	3. 29E-07	6. 76E-07
LEMD1-DT	1. 620197675	3. 974894267	3. 34E-07	6. 84E-07
LINC02492	1. 982228889	4. 101329872	3. 36E-07	6. 87E-07
LINC02688	1. 132162258	5. 537847397	3. 49E-07	7. 14E-07
LINC02287	2. 148393862	3. 341474928	3. 53E-07	7. 21E-07

LINC02141	2. 804684236	3. 336540009	3. 57E-07	7. 29E-07
GLIS3-AS1	1. 646958694	3. 345638657	3. 60E-07	7. 34E-07
LINC01971	1. 446881872	3. 863605391	3. 61E-07	7. 36E-07
LINC01976	1. 498868468	3. 150343861	3. 74E-07	7. 62E-07
CXXC5-AS1	1. 015494633	3. 133994795	3. 80E-07	7. 74E-07
THRA1/BTR	1. 446561817	3. 434022798	3. 86E-07	7. 85E-07
LINC01441	3. 057059397	3. 085969656	3. 92E-07	7. 96E-07
LINC02152	1. 919073113	2. 905831806	3. 94E-07	8. 00E-07
SATB2-AS1	1. 07021082	4. 732464154	4. 01E-07	8. 14E-07
ELOVL2-AS1	1. 348138992	6. 760670213	4. 04E-07	8. 19E-07
MIR3681HG	1. 083802651	3. 876032123	4. 34E-07	8. 78E-07
SAMMSON	1. 315544904	3. 672725195	4. 43E-07	8. 95E-07
LINC00488	2. 198611731	2. 815085784	4. 47E-07	9. 03E-07
SND1-IT1	1. 095254977	4. 070314766	4. 52E-07	9. 10E-07
LINC02570	2. 357907513	3. 892043992	4. 92E-07	9. 89E-07
LINC02293	2. 621041287	3. 450373133	5. 07E-07	1. 02E-06
SHANK2-AS2	1. 456292111	3. 390750576	5. 25E-07	1. 05E-06
LINC01460	1. 346412513	3. 900414322	5. 80E-07	1. 16E-06
LINC01639	3. 339672916	5. 851013726	5. 82E-07	1. 17E-06
LINC01587	1. 322564527	4. 808493954	5. 89E-07	1. 18E-06
LSAMP-AS1	2. 445342137	3. 187879799	5. 92E-07	1. 18E-06
LINC00434	1. 460757952	2. 931150591	6. 41E-07	1. 28E-06
LINC01693	1. 470479978	3. 214234611	6. 66E-07	1. 32E-06
MAST4-IT1	1. 971434413	2. 699605874	7. 18E-07	1. 42E-06
LINC02422	1. 285415004	4. 381333223	8. 53E-07	1. 68E-06
LINC01093	-1. 033380232	4. 255995204	9. 62E-07	1. 89E-06
FABP6-AS1	1. 603999841	2. 816751051	9. 67E-07	1. 89E-06
LINC02726	2. 290018212	2. 863931605	1. 00E-06	1. 96E-06
DPP10-AS1	2. 416283838	5. 649750113	1. 16E-06	2. 27E-06
LINC02404	1. 763097022	2. 60721721	1. 19E-06	2. 32E-06
LINC01206	1. 752651331	3. 334823317	1. 48E-06	2. 88E-06
PTPRJ-AS1	1. 376310936	2. 884352598	1. 58E-06	3. 06E-06
ITPK1-AS1	1. 146956469	3. 498829286	1. 63E-06	3. 15E-06
LINC01143	1. 205864363	5. 075870705	1. 70E-06	3. 27E-06
SOX1-OT	3. 188962559	4. 014565264	1. 70E-06	3. 28E-06
LINC00404	2. 986718125	3. 368307324	1. 76E-06	3. 39E-06
HOTTIP	1. 943157732	3. 702628096	1. 80E-06	3. 47E-06
SLC1A2-AS1	1. 467599542	2. 76038494	1. 81E-06	3. 49E-06
LINC01194	3. 318759348	4. 177388157	1. 90E-06	3. 65E-06
GS1-594A7. 3	2. 286681801	4. 764043412	2. 09E-06	4. 02E-06
C5orf17	1. 720459724	6. 145336313	2. 14E-06	4. 11E-06
LINC00393	2. 664481686	5. 629828528	2. 34E-06	4. 48E-06
LINC01198	-1. 399272321	6. 819949137	2. 35E-06	4. 50E-06
ZIM2-AS1	1. 112859112	6. 334633505	2. 39E-06	4. 57E-06
LINC01102	1. 124959586	3. 847848047	2. 43E-06	4. 65E-06
LINC02267	2. 089495419	2. 944027583	2. 61E-06	4. 98E-06
ABCC5-AS1	1. 138302602	2. 958430082	2. 71E-06	5. 17E-06
G2E3-AS1	2. 316327785	3. 358791022	2. 92E-06	5. 55E-06
IFNG-AS1	1. 074655953	5. 653650787	3. 02E-06	5. 75E-06
LINC01866	2. 384069788	2. 951020034	3. 39E-06	6. 43E-06
LINC01838	1. 226615465	2. 959471001	3. 53E-06	6. 68E-06

PCAT18	1. 226229767	9. 038647639	3. 55E-06	6. 71E-06
C21orf91-OT1	1. 560200803	3. 476625221	4. 38E-06	8. 22E-06
LINC01168	1. 696013244	3. 185209724	4. 52E-06	8. 49E-06
KIRREL3-AS1	2. 046496565	5. 777891653	4. 73E-06	8. 86E-06
LINC02115	1. 537581292	5. 116078798	4. 75E-06	8. 88E-06
LINC02306	1. 703724936	6. 352990274	4. 96E-06	9. 26E-06
SIRPG-AS1	1. 064228194	3. 905778166	5. 01E-06	9. 33E-06
CHN2-AS1	1. 73150898	2. 839587396	5. 31E-06	9. 88E-06
MTUS2-AS1	1. 038480881	3. 166988434	5. 63E-06	1. 04E-05
LINC02474	1. 896892539	3. 045399002	5. 76E-06	1. 07E-05
MIR2052HG	1. 387263196	6. 595151712	5. 78E-06	1. 07E-05
LINC02617	2. 029634982	3. 254746259	6. 05E-06	1. 12E-05
LINC01856	1. 348193205	4. 771411709	6. 11E-06	1. 13E-05
EGFR-AS1	-1. 004805566	3. 806766955	6. 47E-06	1. 19E-05
SCHLAP1	2. 452756569	3. 471001543	6. 93E-06	1. 27E-05
PHACTR2-AS1	1. 170422097	3. 13039008	7. 48E-06	1. 37E-05
NCF4-AS1	1. 087374565	3. 325660062	7. 60E-06	1. 39E-05
SHANK2-AS3	1. 450496404	3. 248208111	7. 93E-06	1. 45E-05
TMEM108-AS1	1. 751706616	2. 796999757	8. 12E-06	1. 48E-05
ASTN2-AS1	1. 352043025	2. 889512657	8. 86E-06	1. 61E-05
LINC01611	1. 602285113	3. 926325825	8. 98E-06	1. 64E-05
SPATA13-AS1	1. 213408692	2. 883096411	9. 19E-06	1. 67E-05
LINC02836	1. 846310706	2. 891480605	9. 40E-06	1. 71E-05
LINC02050	2. 460228148	3. 173225476	1. 00E-05	1. 82E-05
LINC01777	-1. 225075315	2. 896771136	1. 12E-05	2. 03E-05
LINC00501	1. 24798977	3. 482351186	1. 13E-05	2. 05E-05
KCNIP4-IT1	2. 338557699	2. 873760531	1. 29E-05	2. 31E-05
ARHGEF3-AS1	1. 695106228	2. 682667505	1. 35E-05	2. 42E-05
LINC02323	1. 193662708	4. 173278557	1. 51E-05	2. 70E-05
LINC02470	1. 186220747	3. 116562135	1. 57E-05	2. 80E-05
LINC02669	1. 293104607	3. 596247906	1. 66E-05	2. 95E-05
PCBP3-AS1	1. 980229799	3. 795092282	1. 74E-05	3. 09E-05
MIR4432HG	1. 239439564	3. 423690165	1. 75E-05	3. 10E-05
OSTM1-AS1	1. 882873862	3. 004461637	1. 77E-05	3. 13E-05
LINC00491	1. 939109757	3. 780317342	1. 81E-05	3. 20E-05
BTBD9-AS1	1. 242225033	3. 154618597	2. 02E-05	3. 57E-05
LINC01761	-1. 07194483	3. 711692824	2. 41E-05	4. 23E-05
LINC01954	1. 134606776	3. 700102446	2. 72E-05	4. 75E-05
LINC02233	1. 945742062	4. 244710515	2. 81E-05	4. 90E-05
LINC01115	1. 480313927	4. 811999608	2. 94E-05	5. 12E-05
ENOX1-AS1	1. 032144791	3. 024374101	3. 11E-05	5. 41E-05
LINC01539	1. 235720777	3. 203443715	3. 12E-05	5. 43E-05
LINC02189	-1. 159593404	3. 093126172	3. 16E-05	5. 48E-05
ROCR	-1. 074663017	8. 659099855	3. 33E-05	5. 77E-05
LINC01695	1. 091501923	5. 252109331	3. 85E-05	6. 65E-05
NFIA-AS1	1. 095425991	3. 577574459	4. 09E-05	7. 05E-05
LINC01910	1. 324088259	4. 424394426	4. 95E-05	8. 51E-05
LINC02735	1. 673537374	2. 836498656	5. 61E-05	9. 60E-05
FAM131B-AS1	1. 307505524	3. 266886247	6. 33E-05	1. 08E-04
FENDRR	1. 212230975	4. 579549789	6. 50E-05	1. 11E-04
LINC02864	1. 758879864	5. 108477843	6. 69E-05	1. 14E-04

LINC02555	1. 219390832	2. 973254263	7. 13E-05	1. 21E-04
MKX-AS1	1. 856827239	5. 207828677	7. 31E-05	1. 24E-04
LINC01249	-1. 331094766	3. 797824614	8. 25E-05	1. 39E-04
SNHG27	1. 903720114	3. 922286414	9. 00E-05	1. 51E-04
LINC01804	1. 827906179	2. 967871343	9. 53E-05	1. 60E-04
MACROD2-AS1	1. 274875568	2. 814440214	9. 82E-05	1. 64E-04
ADGRD1-AS1	2. 01326534	3. 479615325	1. 05E-04	1. 75E-04
NEUROG2-AS1	-1. 056461911	4. 932471505	1. 19E-04	1. 97E-04
LINC01324	1. 905447791	2. 941756795	1. 30E-04	2. 14E-04
LINC02477	1. 518605747	3. 276944011	1. 40E-04	2. 30E-04
LINC01748	1. 488064492	4. 320737845	1. 41E-04	2. 32E-04
LINC01456	2. 17583014	4. 628256557	1. 43E-04	2. 36E-04
MIR4500HG	1. 337030979	3. 842732789	1. 52E-04	2. 49E-04
LINC01840	1. 28443788	4. 082152176	1. 53E-04	2. 50E-04
CTD-2350J17. 1	1. 588154949	2. 817235499	1. 67E-04	2. 73E-04
E2F3-IT1	1. 251658193	2. 747563004	1. 75E-04	2. 85E-04
LINC01111	2. 151032322	3. 001657298	1. 77E-04	2. 89E-04
F11-AS1	1. 684769802	3. 558873589	2. 04E-04	3. 30E-04
LPP-AS1	1. 453076229	2. 695053723	2. 67E-04	4. 27E-04
LINC01257	1. 599048054	3. 90075756	3. 15E-04	5. 03E-04
LINC02765	1. 03285382	4. 785768897	3. 24E-04	5. 16E-04
ATP13A4-AS1	-1. 124997089	2. 908451917	3. 54E-04	5. 60E-04
LINC02251	1. 373609804	4. 21804548	3. 70E-04	5. 85E-04
LINC01913	1. 815630967	3. 423202934	3. 76E-04	5. 95E-04
RC3H1-IT1	1. 070260827	2. 878584276	3. 94E-04	6. 21E-04
MYO16-AS1	1. 444123403	2. 94245405	3. 97E-04	6. 25E-04
FAM167A-AS1	1. 107482753	2. 964584188	4. 01E-04	6. 32E-04
LINC01950	1. 576039192	3. 482922901	4. 18E-04	6. 56E-04
LINC02562	1. 432155866	6. 92151844	4. 42E-04	6. 92E-04
LINC01602	1. 061852724	2. 807682194	4. 67E-04	7. 31E-04
LINC01507	1. 361514838	3. 058702295	4. 78E-04	7. 47E-04
KIF25-AS1	1. 25915172	5. 781903852	5. 22E-04	8. 12E-04
LINC02327	1. 691124616	3. 301865305	5. 91E-04	9. 15E-04
LINC02866	1. 591548235	3. 928108067	5. 93E-04	9. 18E-04
LINC01630	1. 159752795	3. 357588641	8. 63E-04	1. 32E-03
LINC01098	1. 201611351	3. 120921918	1. 01E-03	1. 54E-03
PDE4B-AS1	1. 340166865	2. 600702679	1. 17E-03	1. 76E-03
LINC00348	-1. 081109418	2. 974998135	1. 17E-03	1. 77E-03
PTPRT-AS1	1. 193390372	2. 650151978	1. 18E-03	1. 77E-03
LINC02041	1. 261647783	3. 545577345	1. 20E-03	1. 80E-03
RIC3-DT	1. 603239416	3. 381083724	1. 23E-03	1. 85E-03
JAKMIP2-AS1	1. 025420128	3. 260118582	1. 34E-03	2. 00E-03
LINC01036	1. 896983938	3. 261339527	1. 36E-03	2. 03E-03
KCND3-AS1	1. 110044783	2. 93887211	1. 44E-03	2. 15E-03
LINC01193	1. 490422047	2. 880047954	1. 63E-03	2. 41E-03
CACNA1C-IT3	1. 207050431	2. 74106523	1. 75E-03	2. 59E-03
EVX1-AS	1. 005141568	2. 91650523	1. 85E-03	2. 72E-03
PCAT14	1. 083612035	6. 824198242	1. 85E-03	2. 73E-03
CACNA1C-AS4	1. 305629313	2. 912949599	1. 95E-03	2. 86E-03
MAGI1-AS1	1. 101735995	3. 231192185	2. 02E-03	2. 97E-03
LINC00114	1. 319182655	2. 862549881	2. 59E-03	3. 77E-03

ARHGAP15-AS1	1. 013420983	2. 903436098	3. 08E-03	4. 46E-03
LINC01447	1. 021292952	3. 445766222	3. 80E-03	5. 44E-03
LINC02527	1. 597757079	2. 766997556	4. 18E-03	5. 97E-03
LINC01151	1. 226835906	3. 205144476	4. 23E-03	6. 04E-03
LINC01511	1. 43617499	7. 101942214	4. 59E-03	6. 54E-03
LINC01322	1. 236894041	3. 095724709	4. 80E-03	6. 82E-03
LINC00871	1. 0787869	3. 075856525	5. 18E-03	7. 34E-03
SOX5-AS1	1. 292297169	2. 609391076	5. 28E-03	7. 47E-03
LINC02302	1. 066890901	5. 882991385	5. 96E-03	8. 40E-03
LINC02434	1. 432714372	3. 1701919	7. 47E-03	1. 04E-02
LINC01793	1. 14560017	3. 03406095	8. 07E-03	1. 12E-02
MAGEA10-MAGEA5	1. 032520627	2. 950286225	8. 11E-03	1. 13E-02
LINC01749	1. 158966805	3. 374176266	1. 24E-02	1. 68E-02
LINC02476	1. 239633376	2. 775725838	1. 71E-02	2. 28E-02
